

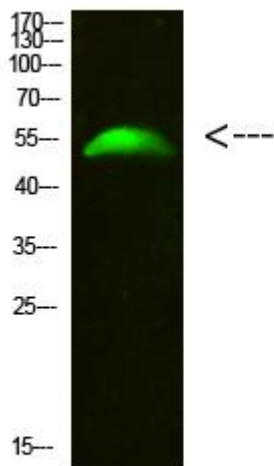


# GCM2 Monoclonal Antibody

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>Catalog No</b>                | YP-mAb-10774                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>                | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>                 | GCM2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Name</b>              | GCM2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>                 | Synthesized peptide derived from human GCM2. at AA range: 21-70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Specificity</b>               | GCM2 Monoclonal Antibody detects endogenous levels of GCM2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purification</b>              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Dilution</b>                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>                  | Chorion-specific transcription factor GCMb (hGCMb) (GCM motif protein 2) (Glial cells missing homolog 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Observed Band</b>             | 56kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cell Pathway</b>              | Nucleus .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Tissue Specificity</b>        | Brain,Fetal brain,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Function</b>                  | function:Probable transcriptional regulator.,similarity:Contains 1 GCM DNA-binding domain.,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Background</b>                | This gene is a homolog of the Drosophila glial cells missing gene, which is thought to act as a binary switch between neuronal and glial cell determination. The protein encoded by this gene contains a conserved N-terminal GCM motif that has DNA-binding activity. The protein is a transcription factor that acts as a master regulator of parathyroid development. It has been suggested that this transcription factor might mediate the effect of calcium on parathyroid hormone expression and secretion in parathyroid cells. Mutations in this gene are associated with hypoparathyroidism. [provided by RefSeq, Jul 2008], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using GCM2 Monoclonal Antibody