



# KLF2 mouse mAb

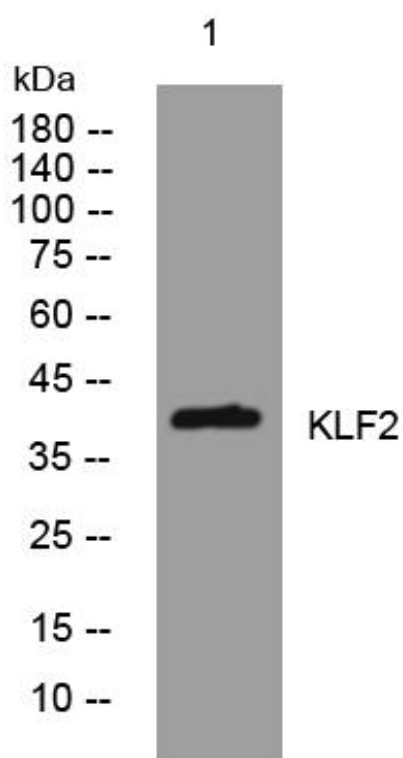
|                                  |                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-07956                                                                                                                                                                                                                                                                                                                                    |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity</b>                | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>                 | KLF2 LKLF                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Name</b>              | KLF2                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>                 | Synthesized peptide derived from human KLF2 AA range: 196-246                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>               | This antibody detects endogenous levels of KLF2 at Human/Mouse/Rat                                                                                                                                                                                                                                                                              |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.70% 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>                  | Krueppel-like factor 2 (Lung krueppel-like factor)                                                                                                                                                                                                                                                                                              |
| <b>Observed Band</b>             | 38kD                                                                                                                                                                                                                                                                                                                                            |
| <b>Cell Pathway</b>              | Nucleus .                                                                                                                                                                                                                                                                                                                                       |
| <b>Tissue Specificity</b>        | Brain,Hair follicle dermal papilla,Lung,Spleen,                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>                  | function: Binds to the CACCC box in the beta-globin gene promoter and activates transcription.,similarity: Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity: Contains 3 C2H2-type zinc fingers.,subunit: Interacts with WWP1.,                                                                                          |
| <b>Background</b>                | Kruppel-like factors (KLFs) are a family of broadly expressed zinc finger transcription factors. KLF2 regulates T-cell trafficking by promoting expression of the lipid-binding receptor S1P1 (S1PR1; MIM 601974) and the selectin CD62L (SELL; MIM 153240) (summary by Weinreich et al., 2009 [PubMed 19592277]).[supplied by OMIM, Feb 2011], |
| <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 KLF2 mouse mAb