

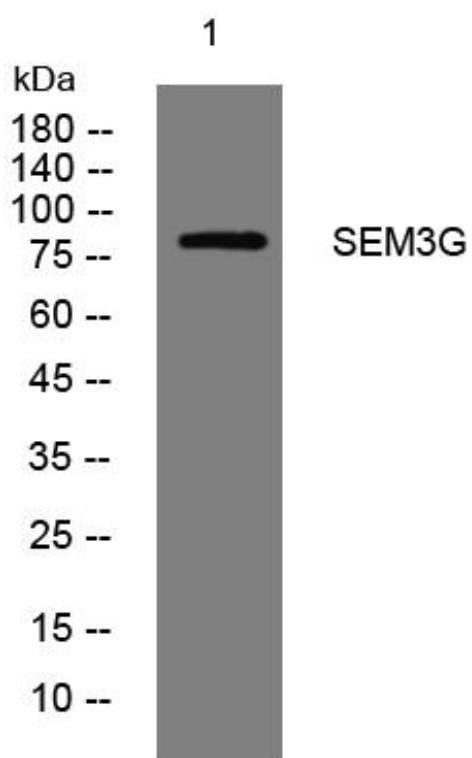


## SEM3G mouse mAb

|                                  |                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-11034                                                                                                                                                                                                                                      |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                               |
| <b>Reactivity</b>                | Human; Mouse                                                                                                                                                                                                                                      |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                 | SEMA3G                                                                                                                                                                                                                                            |
| <b>Protein Name</b>              | SEM3G                                                                                                                                                                                                                                             |
| <b>Immunogen</b>                 | Synthesized peptide derived from human SEM3G AA range: 174-224                                                                                                                                                                                    |
| <b>Specificity</b>               | This antibody detects endogenous levels of SEM3G at Human/Mouse                                                                                                                                                                                   |
| <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>                  |                                                                                                                                                                                                                                                   |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                   |
| <b>Cell Pathway</b>              | Secreted .                                                                                                                                                                                                                                        |
| <b>Tissue Specificity</b>        |                                                                                                                                                                                                                                                   |
| <b>Function</b>                  | function:Has chemorepulsive activities for sympathetic axons. Ligand of NRP2.,similarity:Belongs to the semaphorin family.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Sema domain.,                |
| <b>Background</b>                | The transcription of this gene is activated by PPAR-gamma, and the resulting protein product plays a role in endothelial cell migration. Expression of this gene also inhibits tumor cell migration and invasion. [provided by RefSeq, Jul 2016], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                              |
| <b>Usage suggestions</b>         | 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 SEM3G mouse mAb