

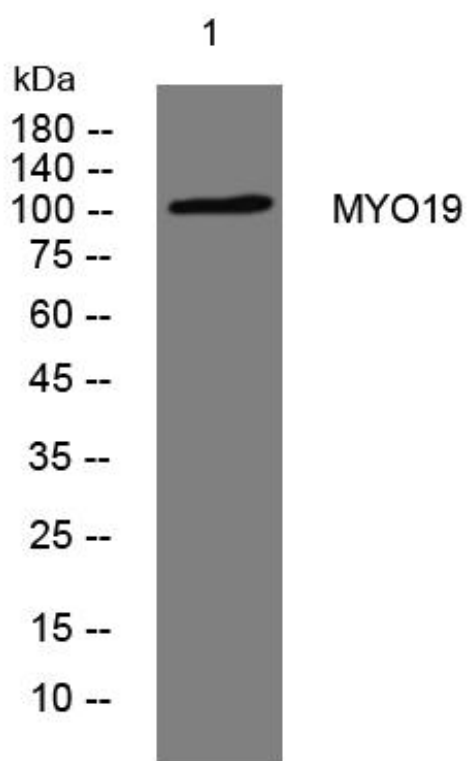


# MYO19 mouse mAb

|                                  |                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-08168                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>                | Human; Mouse                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                 | MYO19 MYOHD1                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Name</b>              | MYO19                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>                 | Synthesized peptide derived from human MYO19 AA range: 726-776                                                                                                                                                                                                                                                                                    |
| <b>Specificity</b>               | This antibody detects endogenous levels of MYO19 at Human/Mouse                                                                                                                                                                                                                                                                                   |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.283% 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>                  | Unconventional myosin-XIX (Myosin head domain-containing protein 1)                                                                                                                                                                                                                                                                               |
| <b>Observed Band</b>             | 105kD                                                                                                                                                                                                                                                                                                                                             |
| <b>Cell Pathway</b>              | Mitochondrion outer membrane ; Peripheral membrane protein . Cytoplasm, cytoskeleton .                                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b>        | Widely expressed in multiple tissues and cell lines.                                                                                                                                                                                                                                                                                              |
| <b>Function</b>                  | function:Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments.,similarity:Contains 1 myosin head-like domain.,similarity:Contains 2 IQ domains., |
| <b>Background</b>                |                                                                                                                                                                                                                                                                                                                                                   |
| <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 MYO19 mouse mAb