



# EMAL4 mouse mAb

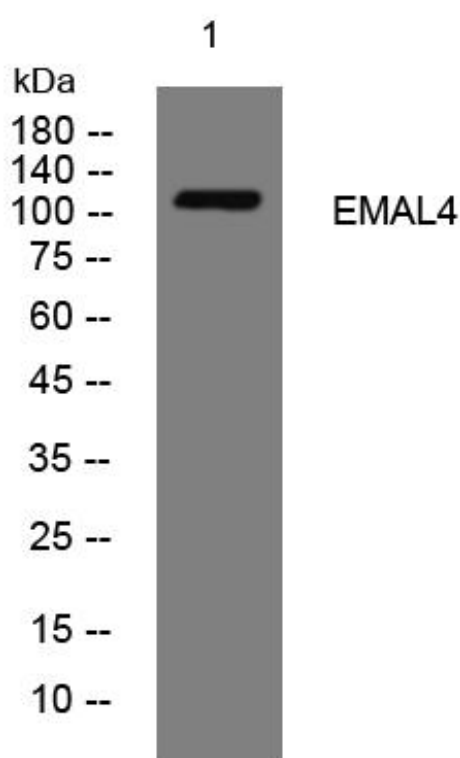
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | YP-mAb-11789                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>         | Human; Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>          | EML4 C2orf2 EMAPL4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Name</b>       | EMAL4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>          | Synthesized peptide derived from human EMAL4 AA range: 398-448                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Specificity</b>        | This antibody detects endogenous levels of EMAL4 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>       | Cytoplasm, cytoskeleton . Cytoplasm . Cytoplasm, cytoskeleton, spindle . Cytoplasm, cytoskeleton, microtubule organizing center . Midbody . Localizes to microtubules (MTs) during interphase with a significantly reduced affinity for MTs during mitosis. .                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Function</b>           | developmental stage:Strongly overexpressed during mitosis.,function:May modify the assembly dynamics of microtubules, such that microtubules are slightly longer, but more dynamic.,similarity:Belongs to the WD repeat EMAP family.,similarity:Contains 9 WD repeats.,                                                                                                                                                                                                                                  |
| <b>Background</b>         | This gene is a member of the echinoderm microtubule associated protein-like family. The encoded WD-repeat protein may be involved in microtubule formation. Abnormal fusion of parts of this gene with portions of the anaplastic lymphoma receptor tyrosine kinase gene, which generates EML4-ALK fusion transcripts, is one of the primary mutations associated with non-small cell lung cancer. Alternative splicing of this gene results in two transcript variants. [provided by RefSeq, Jan 2015], |

**matters needing attention**

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 EMAL4 mouse mAb