



# SEP10 Monoclonal Antibody

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | BYmab-06121   |
| <b>Isotype</b>            | IgG   |
| <b>Reactivity</b>         | Human;Mouse;Rat   |
| <b>Applications</b>       | WB  |
| <b>Gene Name</b>          | 42988   |
| <b>Protein Name</b>       | Septin-10   |
| <b>Immunogen</b>          | Synthesized peptide derived from human protein . at AA range: 90-170  |
| <b>Specificity</b>        | SEP10 Monoclonal Antibody detects endogenous levels of protein.   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 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 1:500-2000   |
| <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>      | 49kD  |
| <b>Cell Pathway</b>       | Cytoplasm . Cytoplasm, cytoskeleton . Using a GFP-fusion protein, detected in the nucleus. .  |
| <b>Tissue Specificity</b> | Widely expressed. Abundantly expressed in heart and kidney, placenta, skeletal muscles, liver and lung, as well as various tumor cell lines.  |
| <b>Function</b>           | function:Involved in cytokinesis (Potential). Can bind to GTP and exert GTPase activity.,similarity:Belongs to the septin family.,tissue specificity:Ubiquitous. Abundantly expressed in heart and kidney, placenta, skeletal muscles, liver and lung, as well as various tumor cell lines.,  |
| <b>Background</b>         | This gene encodes a member of the septin family of cytoskeletal proteins with GTPase activity. This protein localizes to the cytoplasm and nucleus and displays GTP-binding and GTPase activity. A pseudogene for this gene is located on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2012], |

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**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