



ABLM1 Monoclonal Antibody

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|---------------------------|---|
| Catalog No | BYmab-05268 |
| Isotype | IgG |
| Reactivity | Human;Mouse |
| Applications | WB |
| Gene Name | ABLIM1 ABLIM KIAA0059 LIMAB1 |
| Protein Name | Actin-binding LIM protein 1 (abLIM-1) (Actin-binding LIM protein family member 1) (Actin-binding double zinc finger protein) (LIMAB1) (Limatin) |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 520-600 |
| Specificity | ABLM1 Monoclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | 85kD |
| Cell Pathway | Cytoplasm . Cytoplasm, cytoskeleton . Associated with the cytoskeleton. . |
| Tissue Specificity | Detected in liver, heart, skeletal muscle, brain and retina, where it is concentrated in the inner segment and in the outer plexiform layers. |
| Function | function:May act as scaffold protein (By similarity). May play a role in the development of the retina. Has been suggested to play a role in axon guidance.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 HP (headpiece) domain.,similarity:Contains 2 LIM zinc-binding domains.,similarity:Contains 4 LIM zinc-binding domains.,subcellular location:Associated with the cytoskeleton.,subunit:Binds F-actin. Interacts with ABRA.,tissue specificity:Detected in liver, heart, skeletal muscle, brain and retina, where it is concentrated in the inner segment and in the outer plexiform layers., |
| Background | This gene encodes a cytoskeletal LIM protein that binds to actin filaments via a domain that is homologous to erythrocyte dematin. LIM domains, found in over 60 proteins, play key roles in the regulation of developmental pathways. LIM domains |

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also function as protein-binding interfaces, mediating specific protein-protein interactions. The protein encoded by this gene could mediate such interactions between actin filaments and cytoplasmic targets. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],

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