



## SHRM3 mouse mAb

Tissue Specificity  Function  domain:The ASD1 domain mediates F-actin binding.,domain:The ASD2 domain is required for apical constriction induction.,function:Controls cell shape changes in the neuroepithelium during neural tube closure. Induces apical constriction in		
Reactivity Human; Mouse  Applications WB  Gene Name SHROOM3 KIAA1481 SHRML MSTP013  Protein Name SHRM3  Immunogen Synthesized peptide derived from human SHRM3 AA range: 777-827  Specificity This antibody detects endogenous levels of SHRM3 at Human/Mouse  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA 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  Cell Pathway Cell junction, adherens junction . Cytoplasm, cytoskeleton . Apical cell membrane ; Peripheral membrane protein . Colocalizes with F-actin in stress fibers and adherens junctions.  Tissue Specificity  Function domain:The ASD1 domain mediates F-actin binding ,domain:The ASD2 domain is required for apical constriction induction, function:Controls cell shape changes in the neuropeithelium during neural tube closure, Induces apical constriction in epithelial cells by promoting the apical accumulation of F-actin and myosin II, and probably by bundling stress fibers. Induces apicobasal cell elongation by redistributing gamma-tubulin and directing the assembly of robust apicobasal in incrotubule arrays, similarity:Contains 1 ASD2 domain, similarity:Contains 1 PDZ (DHR) domain, subredilar location:Colocalizes with F-actin in stress fibers and	Catalog No	BYmab-09085
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Gene Name         SHROOM3 KIAA1481 SHRML MSTP013           Protein Name         SHRM3           Immunogen         Synthesized peptide derived from human SHRM3 AA range: 777-827           Specificity         This antibody detects endogenous levels of SHRM3 at Human/Mouse           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, lgG           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           Cell Pathway         Cell junction, adherens junction. Cytoplasm, cytoskeleton. Apical cell membrane; Peripheral membrane protein. Colocalizes with F-actin in stress fibers and adherens junctions           Tissue Specificity         Function           domain: The ASD1 domain mediates F-actin binding, domain: The ASD2 domain in the neuroepithelium during neural tube closure, induces apical constriction in epithelial cells by promoting the apical accumulation of F-actin and myosin II, and probably by bundling stress fibers. Induces apical constriction in yerithelial cells by promoting the apical accumulation of F-actin and myosin II, and probably by bundling stress fibers. Induces apicabasal cell elongation by redistributing gamma-tubulin an	Reactivity	Human; Mouse
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Nanjing BYabscience technology Co.,Ltd

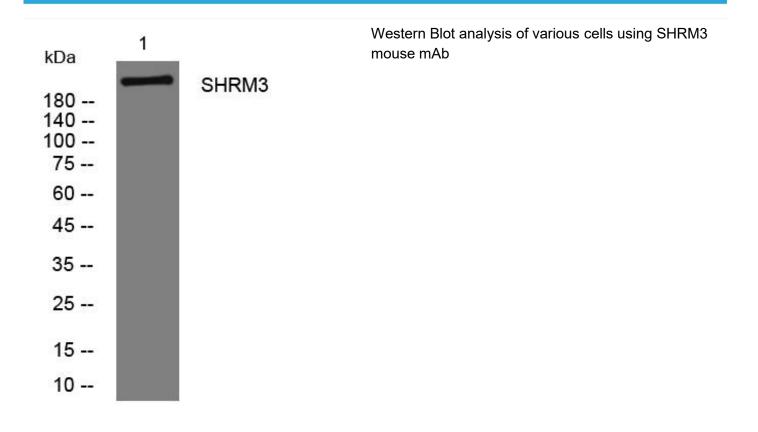


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Background	This gene encodes a PDZ-domain-containing protein that belongs to a family of Shroom-related proteins. This protein may be involved in regulating cell shape in certain tissues. A similar protein in mice is required for proper neurulation. [provided by RefSeq, Jan 2011],
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**



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