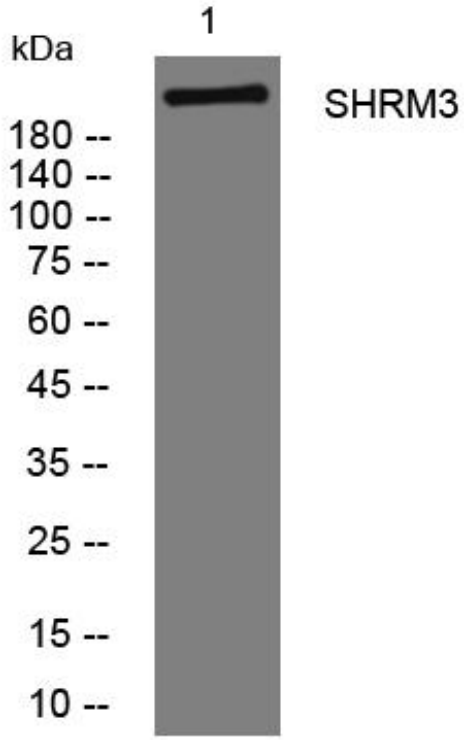
SHRM3 mouse mAb

Catalog No	BYmab-09085
Isotype	IgG
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 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 apicobasal cell elongation by redistributing gamma-tubulin and directing the assembly of robust apicobasal microtubule arrays.,similarity:Belongs to the shroom family.,similarity:Contains 1 ASD1 domain.,similarity:Contains 1 ASD2 domain.,similarity:Contains 1 PDZ (DHR) domain.,subcellular location:Colocalizes with F-actin in stress fibers and adherens junctions.,subunit:Interacts with F-actin.,

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



Western Blot analysis of various cells using SHRM3 mouse mAb