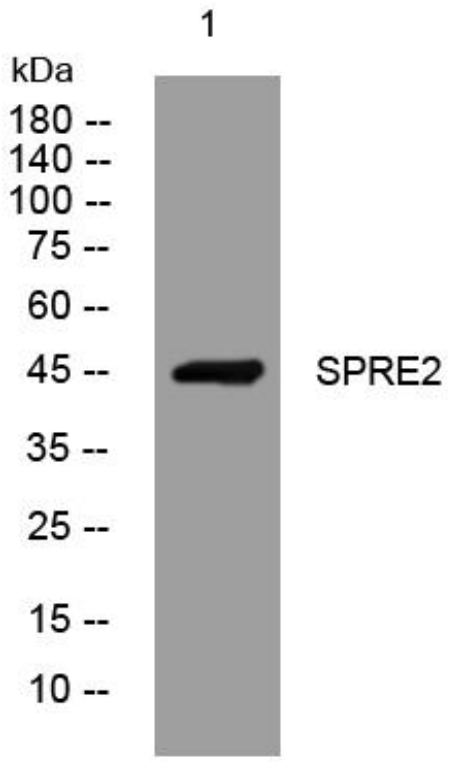
SPRE2 mouse mAb

Catalog No	BYmab-11451
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	SPRED2
Protein Name	SPRE2
Immunogen	Synthesized peptide derived from human SPRE2 AA range: 68-118
Specificity	This antibody detects endogenous levels of SPRE2 at Human/Mouse/Rat
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 membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasmic vesicle, secretory vesicle membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm . Detected in the cytoplasm of the stratum spinosum cells, where it is associated with cytoplasmic vesicles that are supposed to be secretory granules. .
Tissue Specificity	Expressed in liver, skin, small intestine, salivary gland and prostate.
Function	function:Tyrosine kinase substrate that inhibits growth-factor-mediated activation of MAP kinase.,PTM:Phosphorylated on tyrosine. Phosphorylation of Tyr-228 and Tyr-231 are required for ubiquitination.,PTM:Ubiquitinated; leading to degradation by the proteasome.,similarity:Contains 1 KBD domain.,similarity:Contains 1 SPR (sprouty) domain.,similarity:Contains 1 WH1 domain.,subcellular location:Especially found in the cytoplasm of the stratum spinosum cells called membrane-coated granules.,subunit:Interacts with Ras (By similarity). Homodimer and heterodimer. Able to interact with SPRED1 to form heterodimers.,tissue specificity:Expressed in liver, skin, small intestine, salivary

	gland and prostate.,
Background	SPRED2 is a member of the Sprouty (see SPRY1; MIM 602465)/SPRED family of proteins that regulate growth factor-induced activation of the MAP kinase cascade (see MAPK1; MIM 176948) (Nonami et al., 2004 [PubMed 15465815]).[supplied by OMIM, Mar 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



Western Blot analysis of various cells using SPRE2 mouse mAb