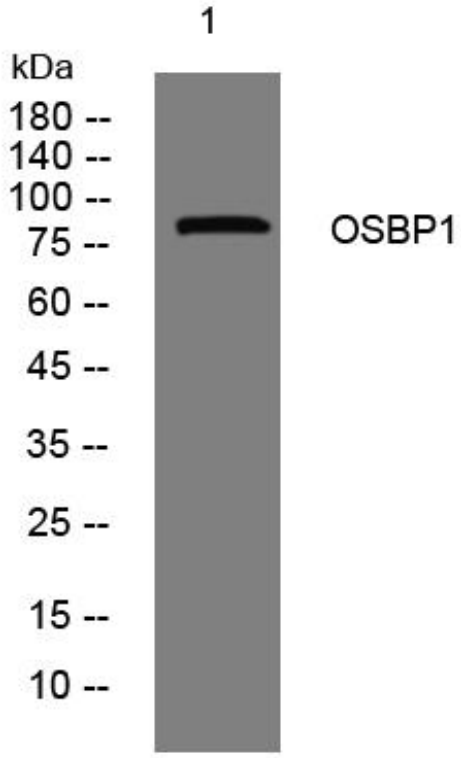
OSBP1 mouse mAb

Catalog No	BYmab-08716
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	OSBP OSBP1
Protein Name	OSBP1
Immunogen	Synthesized peptide derived from human OSBP1 AA range: 284-334
Specificity	This antibody detects endogenous levels of OSBP1 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	Cytoplasm, cytosol . Cytoplasm, perinuclear region . Golgi apparatus membrane; Peripheral membrane protein . Endoplasmic reticulum membrane; Peripheral membrane protein . Golgi apparatus, trans-Golgi network . Predominantly cytosolic. .
Tissue Specificity	Widely expressed.
Function	domain:The PH and Ala/Gly-rich domains control cholesterol binding without affecting 25-hydroxycholesterol binding.,domain:The second coiled-coil domain is required for interaction with the tyrosine phosphatase.,function:Binds cholesterol and a range of oxysterols. Cholesterol binding promotes the formation of a complex with PP2A and a tyrosine phosphatase which dephosphorylate ERK1/2, whereas 25-hydroxycholesterol causes its disassembly. Regulates cholesterol efflux by decreasing ABCA1 stability.,similarity:Belongs to the OSBP family.,similarity:Contains 1 PH domain.,subcellular location:When bound to oxysterols, translocates to the periphery of Golgi membranes.,subunit:Homodimer or homotrimer.,tissue specificity:Widely expressed.,

Background	Oxysterol binding protein is an intracellular protein that is believed to transport sterols from lysosomes to the nucleus where the sterol down-regulates the genes for the LDL receptor, HMG-CoA reductase, and HMG synthetase [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



Western Blot analysis of various cells using OSBP1 mouse mAb