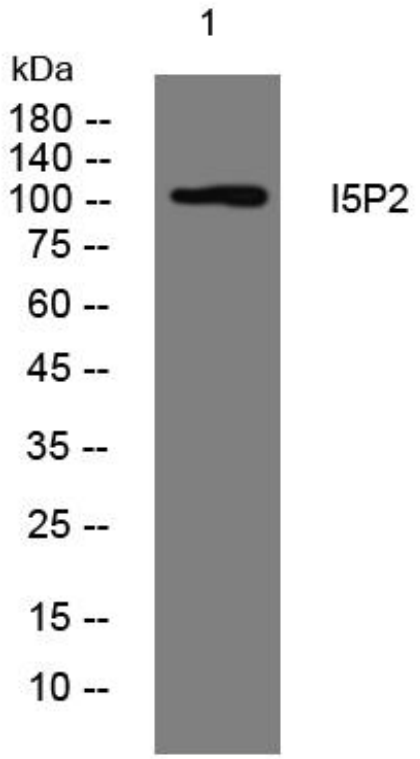
I5P2 mouse mAb

Catalog No	YP-mAb-11738
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	INPP5B OCRL2
Protein Name	I5P2
Immunogen	Synthesized peptide derived from human I5P2 AA range: 292-342
Specificity	This antibody detects endogenous levels of I5P2 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm, cytosol . Endoplasmic reticulum-Golgi intermediate compartment . Early endosome membrane . Membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasmic vesicle, phagosome membrane . Golgi apparatus .
Tissue Specificity	Platelets.
Function	catalytic activity:1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H(2)O = 1-phosphatidyl-1D-myo-inositol 4-phosphate + phosphate.,function:Hydrolyzes the calcium-mobilizing second messenger Ins(1,4,5)P3, this is a signal-terminating reaction.,similarity:Belongs to the inositol-1,4,5-trisphosphate 5-phosphatase type II family.,similarity:Contains 1 Rho-GAP domain.,tissue specificity:Platelets.,
Background	This gene encodes a member of a family of inositol polyphosphate-5-phosphatases. These enzymes function in the regulation of calcium signaling by inactivating inositol phosphates. The encoded protein is localized to the cytosol and mitochondria, and associates with membranes through an isoprenyl modification near the C-terminus. Alternatively spliced transcript variants of this gene have been described. [provided by RefSeq, Jul 2014],

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 I5P2 mouse mAb