



Phostensin mouse mAb

Catalog No	YP-Ab-04476
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	ppp1r18
Immunogen	Purified recombinant human Phostensin protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of Phostensin and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb 1:200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Phostensin;ppp1r18;HKMT1098;KIAA1949;Protein phosphatase 1 F actin cytoskeleton targeting subunit.
Observed Band	120kD
Calculated Molecular Weight	120kD
Cell Pathway	[Isoform 1]: Cytoplasm, cytoskeleton .; [Isoform 4]: Cytoplasm, cytoskeleton .
Tissue Specificity	Isoform 4 is predominantly expressed in leukocytes and spleen.
Function	function:May target protein phosphatase 1 to F-actin cytoskeleton., subunit:Interacts with Protein phosphatase 1 (PP1).,tissue specificity:Predominantly expressed in leukocytes and spleen.,
Background	Protein phosphatase-1 (PP1; see MIM 176875) interacts with regulatory subunits that target the enzyme to different cellular locations and change its activity toward specific substrates. Phostensin is a regulatory subunit that targets PP1 to F-actin (see MIM 102610) cytoskeleton (Kao et al., 2007 [PubMed 17374523]).[supplied by OMIM, Mar 2008],

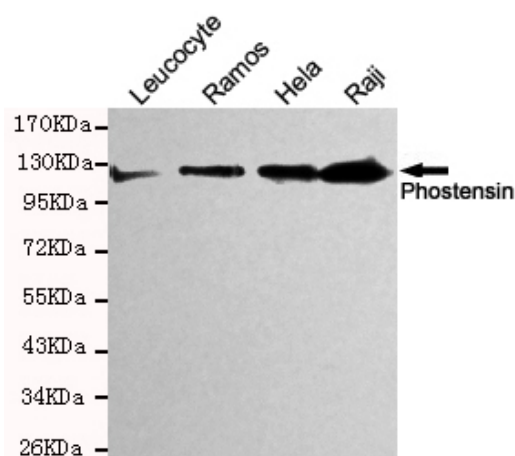
**matters needing attention**

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 detection of Phostensin in HeLa, Raji, Ramos and Leucocyte cell lysates and using Phostensin mouse mAb (1:200 diluted). Predicted band size: 120KDa. Observed band size: 120KDa.