



# Phostensin mouse mAb

<b>Catalog No</b>	BYab-04476
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Gene Name</b>	ppp1r18
<b>Protein Name</b>	
<b>Immunogen</b>	Purified recombinant human Phostensin protein fragments expressed in E.coli.
<b>Specificity</b>	This antibody detects endogenous levels of Phostensin and does not cross-react with related proteins.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb 1:200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	HKMT1098;KIAA1949;Protein phosphatase 1 F actin cytoskeleton targeting subunit.
<b>Observed Band</b>	120kD
<b>Cell Pathway</b>	[Isoform 1]: Cytoplasm, cytoskeleton .; [Isoform 4]: Cytoplasm, cytoskeleton .
<b>Tissue Specificity</b>	Isoform 4 is predominantly expressed in leukocytes and spleen.
<b>Function</b>	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.,
<b>Background</b>	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],

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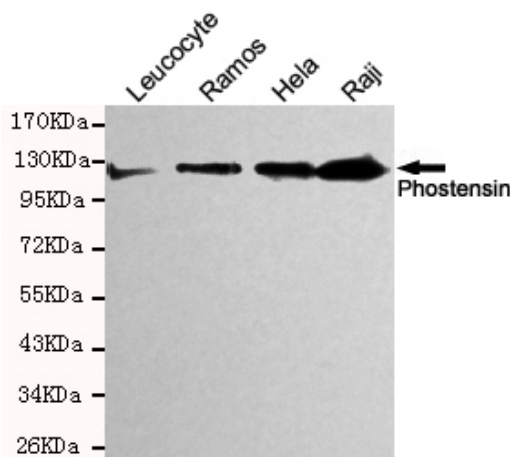
**matters needing attention**

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.