



# PTN4 mouse mAb

Catalog No	BYmab-11365
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	PTPN4
Protein Name	PTN4
Immunogen	Synthesized peptide derived from human PTN4 AA range: 496-546
Specificity	This antibody detects endogenous levels of PTN4 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	Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cytoskeleton . Cytoplasm .
Tissue Specificity	
Function	catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,function:May act at junctions between the membrane and the cytoskeleton.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class subfamily.,similarity:Contains 1 FERM domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 tyrosine-protein phosphatase domain.,
Background	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This protein contains a C-terminal PTP domain and an N-terminal domain homologous to the band 4.1 superfamily of

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cytoskeletal-associated proteins. This PTP has been shown to interact with glutamate receptor delta 2 and epsilon subunits, and is thought to play a role in signalling downstream of the glutamate receptors through tyrosine dephosphorylation. [provided by RefSeq, Jul 2008],

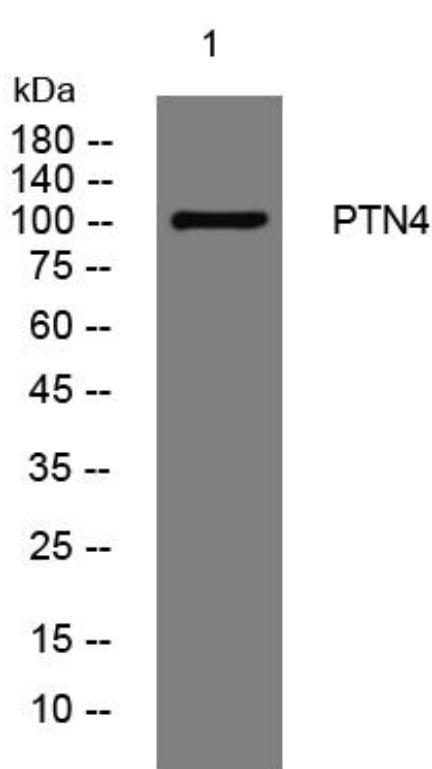
**matters needing attention**

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 PTN4 mouse mAb