



PTN18 Monoclonal Antibody

Catalog No	BYmab-06327
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	PTPN18 BDP1
Protein Name	Tyrosine-protein phosphatase non-receptor type 18 (EC 3.1.3.48) (Brain-derived phosphatase)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PTN18 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	50kD
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Expressed in brain, colon and several tumor-derived cell lines.
Function	catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.;function:Differentially dephosphorylate autophosphorylated tyrosine kinases which are known to be overexpressed in tumor tissues.;similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class 4 subfamily.;similarity:Contains 1 tyrosine-protein phosphatase domain.;subunit:Interacts with PSTPIP1.;tissue specificity:Expressed in brain, colon and several tumor-derived cell lines.;
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, the mitotic cycle, and oncogenic transformation. This PTP contains a PEST motif,

Nanjing BYabscience technology Co.,Ltd



which often serves as a protein-protein interaction domain, and may be related to protein intracellular half-life. This protein can differentially dephosphorylate autophosphorylated tyrosine kinases that are overexpressed in tumor tissues, and it appears to regulate HER2, a member of the epidermal growth factor receptor family of receptor tyrosine kinases. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 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

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658