



Fish Monoclonal Antibody

Catalog No	YP-mAb-03873
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SH3PXD2A
Immunogen	Synthesized peptide derived from the N-terminal region of human Fish.
Specificity	Fish Monoclonal Antibody detects endogenous levels of Fish protein.
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	FISH;TKS5;SH3MD1;SH3 and PX domain-containing protein 2A;KIAA0418; SH3PXD2A;Adapter protein TKS5;Five SH3 domain-containing protein;SH3 multiple domains protein 1;Tyrosine kinase substrate with five SH3 domains
Observed Band	
Calculated Molecular Weight	125kD
Cell Pathway	Cytoplasm. Cell projection, podosome. Cytoplasmic in normal cells and localizes to podosomes in SRC-transformed cells.
Tissue Specificity	Found in several cancer cell lines, particularly invasive breast carcinomas and melanomas.
Function	domain:The fifth SH3 domain mediates binding with ADAM12, ADAM15 and ADAM19.,domain:The PX domain is required for podosome localization, and for binding phosphatidylinositol 3-phosphate (PtdIns(3)P) and phosphatidylinositol 3,4-biphosphate (PtdIns(3,4)P2).,function:Required for podosome formation, degradation of the extracellular matrix, and for the invasiveness of some cancer cells. Binds phosphatidylinositol 3-phosphate (PtdIns(3)P) and phosphatidylinositol 3,4-biphosphate (PtdIns(3,4)P2). In association with ADAM12, mediates the neurotoxic effect of beta-amyloid peptide.,PTM:Tyrosine phosphorylated by SRC. Phosphorylation plays a regulatory role in the protein



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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