



EVI5 mouse mAb

Catalog No	YP-mAb-12369
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EVI5 NB4S
Immunogen	Synthesized peptide derived from human EVI5 AA range: 1-51
Specificity	This antibody detects endogenous levels of EVI5 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EVI5;EVI5 NB4S
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Associates with the mitotic spindle through anaphase and remains within the midzone and midbody until completion of cytokinesis.
Tissue Specificity	Expressed in various cell lines (at protein level). Expressed in a wide range of tissues including brain and adrenal.
Function	disease:A chromosomal aberration involving EVI5 is found in a patient with stage 4S neuroblastoma. Translocation t(1;10)(p22;q21) that forms a EVI5-TRNG10 fusion protein. TRNG10 is a probable structural transcript which is normally not translated.,function:Functions as a regulator of cell cycle progression by stabilizing the FBXO5 protein and promoting cyclin-A accumulation during interphase. May play a role in cytokinesis.,induction:Down-regulated during mitosis through proteasomal degradation.,miscellaneous:Depletion of EVI5 by RNAi causes cell cycle arrest and mitotic abnormalities.,PTM:Probably phosphorylated by PLK1; may be required for



degradation during mitosis.,PTM:Ubiquitinated. Degradation during prophase is ubiquitin-dependent.,similarity:Contains 1 Rab-GAP TBC domain.,subcellular location:Associates with the mitotic spindle through anaphase and remains within the midzone and

Background

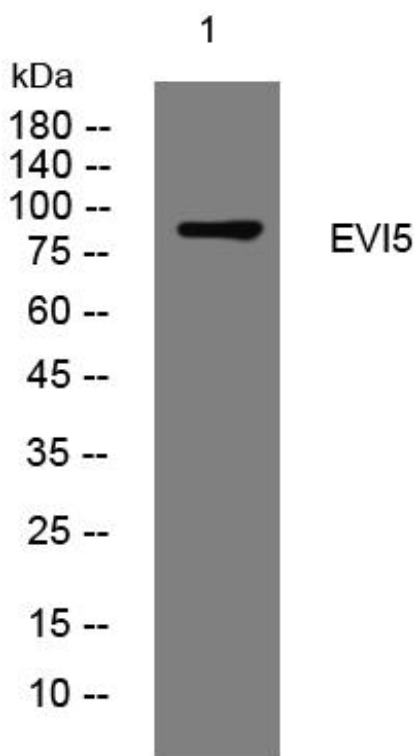
matters needing attention

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 EVI5 mouse mAb