



EphA10 Monoclonal Antibody

Catalog No	YP-mAb-13219
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EPHA10
Immunogen	The antiserum was produced against synthesized peptide derived from human EPHA10. AA range:431-480
Specificity	EphA10 Monoclonal Antibody detects endogenous levels of EphA10 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	EphA10;Ephrin type-A receptor 10
Observed Band	110kD
Calculated Molecular Weight	110kD
Cell Pathway	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 3]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .
Tissue Specificity	Mainly expressed in testis.
Function	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,domain:The protein kinase domain is predicted to be catalytically inactive.,function:Receptor for members of the ephrin-A family. Binds to EFNA3, EFNA4 and EFNA5.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SAM (sterile alpha motif) domain.,similarity:Contains 2 fibronectin type-III domains.,tissue specificity:Mainly expressed in testis.,

**Background**

Ephrin receptors, the largest subfamily of receptor tyrosine kinases (RTKs), and their ephrin ligands are important mediators of cell-cell communication regulating cell attachment, shape, and mobility in neuronal and epithelial cells (Aasheim et al., 2005 [PubMed 15777695]). See MIM 179610 for additional background on Eph receptors and ephrins.[supplied by OMIM, Mar 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