



EphA10 Monoclonal Antibody

Catalog No	YP-Ab-12905
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	EPHA10
Immunogen	Purified recombinant fragment of human EphA10 expressed in E. Coli.
Specificity	EphA10 Monoclonal Antibody detects endogenous levels of EphA10 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EphA10; Ephrin type-A receptor 10
Observed Band	
Calculated Molecular Weight	
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],

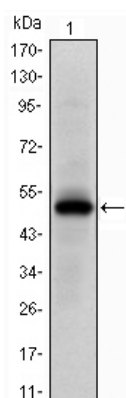
matters needing attention

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



Western Blot analysis using EphA10 Monoclonal Antibody against human EphA10 (AA: 34-295) recombinant protein.

