

Datasheet for ABIN2464049

anti-EPHA1 antibody (truncated)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	EPHA1
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPHA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Ni-NTA purified truncated recombinant EphA1 expressed in E. Coli strain BL21 (DE3).
Clone:	5D2A4-5D2A10
Isotype:	IgG1
Purification:	Antibody is purified by protein A affinity chromatography.

Target Details

Target:	EPHA1
Alternative Name:	EphA1 (EPHA1 Products)
Background:	EPH receptor A1 (EphA1), with 976-amino acid protein(about 107 kDa), belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. The Eph subfamily represents the

Target Details

largest group of receptor protein tyrosine kinases identified to date and their ligands, the ephrins, can be subdivided into two major subclasses, ephrin-A and ephrin-B. Interaction of Eph receptor tyrosine kinases with their membrane bound ephrin ligands initiates bidirectional signaling events that regulate cell migratory and adhesive behavior, particularly in the nervous system. They have been implicated in various developmental processes, including axonal guidance, angiogenesis, morphogenesis and carcinogenesis.

Gene ID: 2041

NCBI Accession: [NP_005223](#)

UniProt: [P21709](#)

Application Details

Application Notes: Western Blot: 1:500 - 1:2,000
IHC(P): 1:500 - 1:2,000
IHC(F): 1:500 - 1:2,000
ELISA: Propose dilution 1:10,000.
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS containing 0.03 % sodium azide.

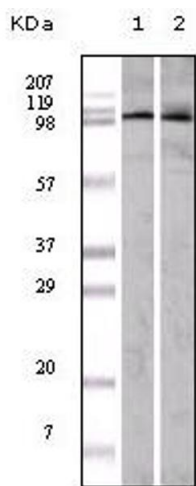
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

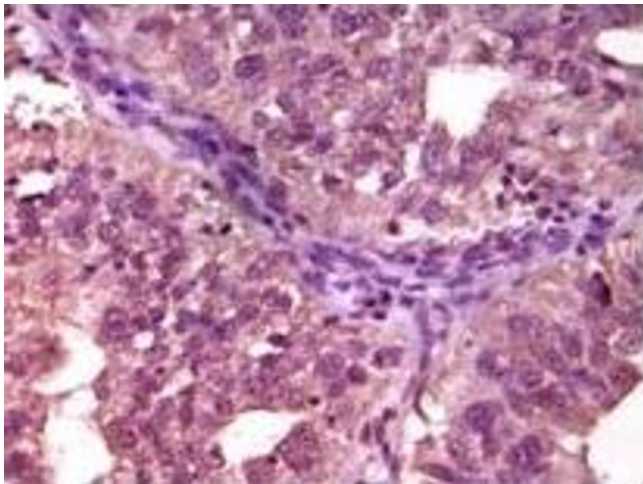
Storage: -20 °C

Storage Comment: EphA1 monoclonal antibody can be stored at -20 °C, stable for one year.



Western Blotting

Image 1.



Immunohistochemistry

Image 2.