# EPHA1 monoclonal antibody, clone 5D2

Catalog # MAB17675 Size 100 uL

## **Applications**



#### Western Blot (Cell lysate)

Western blot analysis of (1) A549 cell, (2) HeLa cell with EPHA1 monoclonal antibody.



#### Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Immunohistochemical staining of paraffin-embedded human ovary carcinoma (left) and breast carcinoma (right) with EPHA1 monoclonal antibody.

Specification	
Product Description	Mouse monoclonal antibody raised against recombinant human EPHA1.
Immunogen	Recombinant protein corresponding to human EPHA1 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	108
Reactivity	Human
Form	Liquid
lsotype	lgG1



Recommend Usage	ELISA (1:10000)
	Flow Cytometry
	Immunocytochemistry
	Immunohistochemistry (1:200-1:1000)
	Western Blot (1:500-1:2000)
	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.03% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C.
	Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

## Applications

• Western Blot (Cell lysate)

Western blot analysis of (1) A549 cell, (2) HeLa cell with EPHA1 monoclonal antibody.

• Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human ovary carcinoma (left) and breast carcinoma (right) with EPHA1 monoclonal antibody.

## Gene Info — EPHA1

Entrez GenelD	<u>2041</u>
Gene Name	EPHA1
Gene Alias	EPH, EPHT, EPHT1, MGC163163
Gene Description	EPH receptor A1
Omim ID	<u>179610</u>
Gene Ontology	Hyperlink

😵 Abnova	Product Information
Gene Summary	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in th e nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an e xtracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin rece ptors are divided into 2 groups based on the similarity of their extracellular domain sequences an d their affinities for binding ephrin-A and ephrin-B ligands. This gene is expressed in some human cancer cell lines and has been implicated in carcinogenesis. [provided by RefSeq
Other Designations	eph tyrosine kinase 1 ephrin receptor EphA1 ephrin type-A receptor 1 erythropoietin-producing he patoma amplified sequence oncogene EPH soluble EPHA1 variant 1 soluble EPHA1 variant 2 tyr osine-protein kinase receptor EPH

## Pathway

• Axon guidance

### Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema