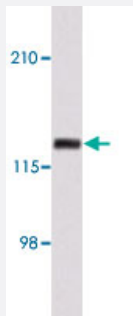


EPHA2 monoclonal antibody, clone 1B3C7

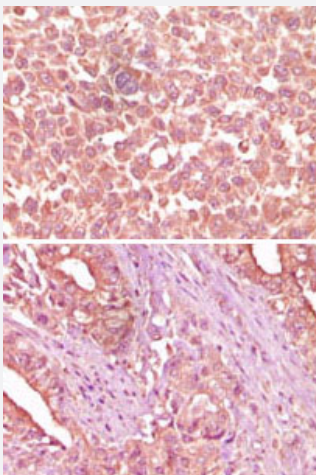
Catalog # MAB10635 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis using EPHA2 monoclonal antibody, clone 1B3C7 (Cat # MAB10635) against NIH/3T3 cell lysate.



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

Immunohistochemical analysis of paraffin-embedded human skin carcinoma (upper) and pancreas carcinoma (bottom) tissue, showing cytoplasmic localization using EPHA2 monoclonal antibody, clone 1B3C7 (Cat # MAB10635) with DAB staining.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant EPHA2.
Immunogen	Recombinant protein corresponding to human EPHA2.
Host	Mouse
Reactivity	Human
Form	Liquid

Isotype	IgM
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (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 should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis using EPHA2 monoclonal antibody, clone 1B3C7 (Cat # MAB10635) against NIH/3T3 cell lysate.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — EPHA2

Entrez GeneID	1969
Gene Name	EPHA2
Gene Alias	ECK
Gene Description	EPH receptor A2
Omim ID	176946
Gene Ontology	Hyperlink

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 the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. [provided by RefSeq]

Other Designations

ephrin receptor EphA2|epithelial cell receptor protein tyrosine kinase|protein tyrosine kinase|receptor protein tyrosine kinase regulated by p53 and E2F-1|soluble EPHA2 variant 1

Pathway

- [Axon guidance](#)

Disease

- [Cataract](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)