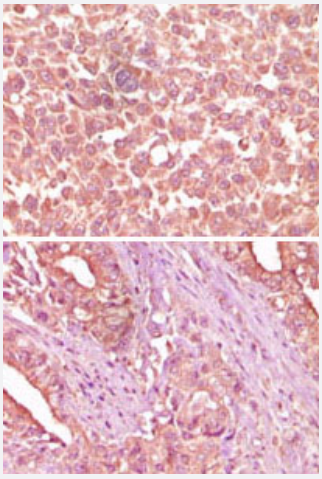
EPHA2 monoclonal antibody, clone 1B3C7

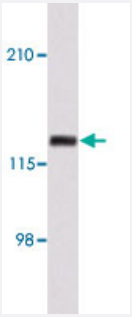
Catalog # MAB10635 Size 100 uL

Applications



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.



Western Blot (Cell lysate)

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

Specification

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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 shoul d be handled by trained staff only.

Applications

- 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.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

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

Gene Info — EPHA2

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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 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|rece ptor protein tyrosine kinase regulated by p53 and E2F-1|soluble EPHA2 variant 1

Pathway

- Axon guidance

Disease

- Cataract
- Genetic Predisposition to Disease
- Hearing Loss

Copyright © 2023 Abnova Corporation. All Rights Reserved.