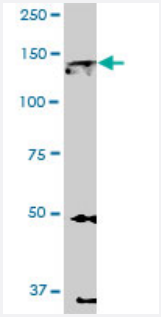
EPHA2 monoclonal antibody (M02), clone 1E3

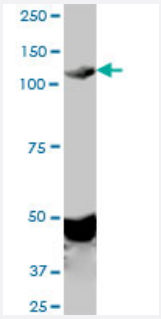
Catalog # H00001969-M02 Size 100 ug

Applications



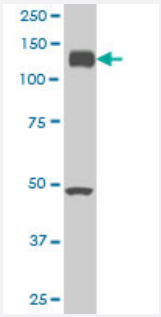
Western Blot (Cell lysate)

EPHA2 monoclonal antibody (M02), clone 1E3. Western Blot analysis of EPHA2 expression in U-2 OS (Cat # L022V1).



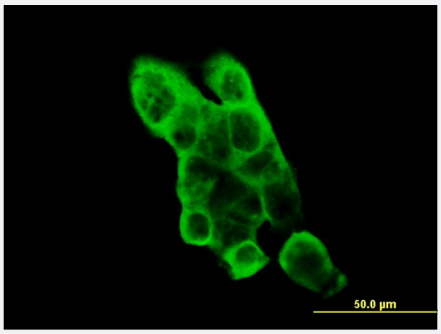
Western Blot (Cell lysate)

EPHA2 monoclonal antibody (M02), clone 1E3. Western Blot analysis of EPHA2 expression in Jurkat (Cat # L017V1).



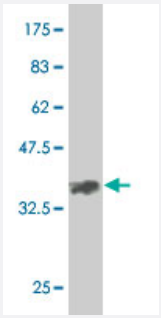
Western Blot (Cell lysate)

EPHA2 monoclonal antibody (M02), clone 1E3 Western Blot analysis of EPHA2 expression in A-431 (Cat # L015V1).



Immunofluorescence

Immunofluorescence of monoclonal antibody to EPHA2 on A-431 cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (39.16 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EPHA2.
Immunogen	EPHA2 (AAH37166, 204 a.a. ~ 326 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LLQGLAHFPETIAGSDAPSLATVAGTCVDHAVVPPGGEEPRMHCAVDGEWLVPIGQCLCQAGYEKVEDACQACSPGFFKFEASESPCLECPEHTLPSPEGATSCECEEGFFRAPQDPASMPCT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (84)
Isotype	IgG3 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (39.16 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  EPHA2 monoclonal antibody (M02), clone 1E3. Western Blot analysis of EPHA2 expression in U-2 OS (Cat # L022V1).

  Protocol Download

- Western Blot (Cell lysate)

  EPHA2 monoclonal antibody (M02), clone 1E3. Western Blot analysis of EPHA2 expression in Jurkat (Cat # L017V1).

  Protocol Download

- Western Blot (Cell lysate)

  EPHA2 monoclonal antibody (M02), clone 1E3 Western Blot analysis of EPHA2 expression in A-431 (Cat # L015V1).

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to EPHA2 on A-431 cell. [antibody concentration 10 ug/ml]

Gene Info — EPHA2

Entrez GeneID	1969
GeneBank Accession#	BC037166
Protein Accession#	AAH37166
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 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

Publication Reference

- Elevated Expression of EPHA2 Is Associated With Poor Prognosis After Radical Prostatectomy in Prostate Cancer.

  Kurose H, Ueda K, Kondo R, Ogasawara S, Kusano H, Sanada S, Naito Y, Nakiri M, Nishihara K, Kakuma T, Akiba J, Igawa T, Yano H.

  Anticancer Research 2019 Nov; 39(11):6249.

  Application: IHC-P, Human, Human prostate cancer

- ProNGF increases breast tumor aggressiveness through functional association of TrkA with EphA2.

  Romain L, Cyril C, Léo A, Matthieu G, Chann L, Eric A, Jérémy D, Pascal F, Daniel B, Nicolas M, Valérie C, François B, Xuefen LB, Robert-Alain T.

  Cancer Letters 2019 May; 449:196.

  Application: IP, WB, Human, MDA-MB-231 cells

Pathway

- Axon guidance

Disease

- Cataract
- Genetic Predisposition to Disease
- Hearing Loss