
Product Name: EPHB4 Mouse Monoclonal Antibody**Catalog #: AMM80729**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	108kDa

Antigen Information

Gene Name	EPHB4
Alternative Names	HTK; MYK1; TYRO11
Gene ID	2050.0
SwissProt ID	P54760
Immunogen	Purified recombinant extracellular fragment of human EPHB4 fused with hIgGfc tag expressed in HEK293 cell line.

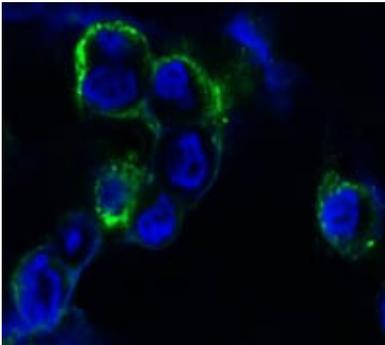
Background

EphB4: EPH receptor B4, also known as Htk, Myk1, Tyro11. Entrez Protein: NP_004435. It is a member of the Eph receptor family, which bind the ephrin ligand family. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A

(EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The EphB4 protein binds to ephrin-B2 and plays an essential role in vascular development.

Research Area

Image Data



Confocal Immunofluorescence analysis of methanol-fixed HEK293 cells trasfected with EphB4-hlgGfc using EphB4 mouse mAb (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.