

## EPHB4 monoclonal antibody

Catalog: MB21216

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

108kDa

### Swiss-Prot:

P54760

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IF: 1/200 - 1/1000

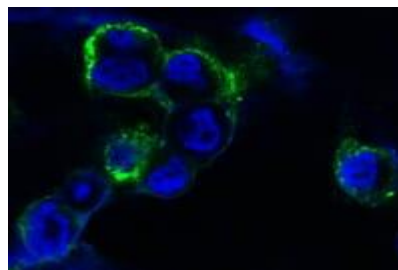
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

Mouse IgG1

### DATA:



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

### Note:

For research use only, not for use in diagnostic procedure.

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