Mouse Ephb4 Polyclonal Antibody

Order Information

Catalog#	BGT-ANT-68553
Size/Concentration	100μl

Description

Receptor tyrosine kinase which binds promiscuously transmembrane ephrin-B family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Together with its cognate ligand/functional ligand EFNB2 plays a central role in heart morphogenesis and angiogenesis through regulation of cell adhesion and cell migration. EPHB4-mediated forward signaling controls cellular repulsion and segregation form EFNB2-expressing cells. Plays also a role in postnatal blood vessel remodeling, morphogenesis and permeability and is thus important in the context of tumor angiogenesis.

Specification

Aliases ： Ephrin type-B receptor 4, Developmental kinase 2, mDK-2, Hepatoma transmembrane kinase, Tyrosine kinase MYK-1, Ephb4, Htk, Mdk2, Myk1

Entrez GeneID ： 13846

Swissprot ： P54761

WB Predicted band size ： 108.8kDa

Host/Isotype ： Rabbit IgG

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

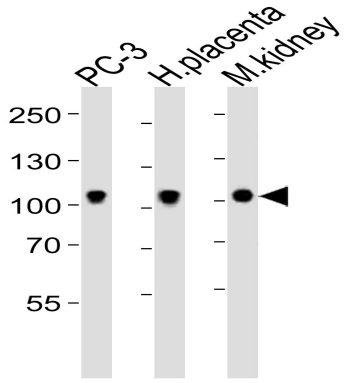
Species Reactivity ： Human, Mouse

Immunogen ： This Mouse Ephb4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 889-923 amino acids from the C-terminal region of Mouse Ephb4.

Application

WB	1/1000

For Research Only
Application Key:WB - Western Blot | **IHC** - Immunohistochemistry | **ICC** - Immunocytochemistry | **FCM** - Flow Cytometry | **ELISA** - Enzyme-linked Immunosorbent Assay | **IP** - Immunoprecipitation



Western blot analysis of lysates from PC-3 cell line, human placenta, mouse kidney tissue lysate (from left to right), using Ephb4 Antibody (C-term). It was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

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