

Mouse Ephb4 Antibody (C-term)

Catalog_no :	AB3097
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This Mouse Ephb4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 967-1000 amino acids from the C-terminal region of mouse Ephb4.
Dilution :	WB,1:1000;
Other_name :	Ephrin type-B receptor 4, Developmental kinase 2, mDK-2, Hepatoma transmembrane kinase, Tyrosine kinase MYK-1, Ephb4, Htk, Mdk2, Myk1
Isotype :	Rabbit Ig
Background :	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 from 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.
reference :	Ciossek T.,et al.Oncogene 11:2085-2095(1995). Andres A.-C.,et al.Oncogene 9:1461-1467(1994). Wilson M.D.,et al.Nucleic Acids Res. 29:1352-1365(2001). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Gerety S.S.,et al.Mol. Cel