

EPHB4 antibody

Product Information

Catalog No.:	FNab02807
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	EPH receptor B4
Synonyms:	Ephrin type-B receptor 4 Hepatoma transmembrane kinase Tyrosine-protein kinase TYRO11 EPHB4 HTK MYK1 TYRO11
Observed MW:	110 kDa
Uniprot ID :	P54760

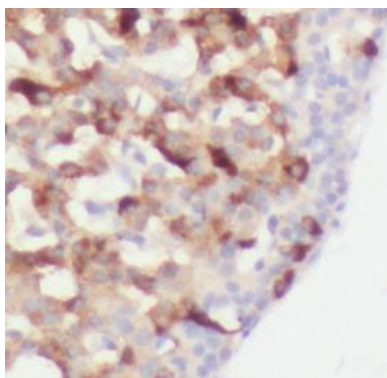
Application

Reactivity:	Human, Mouse, Rat
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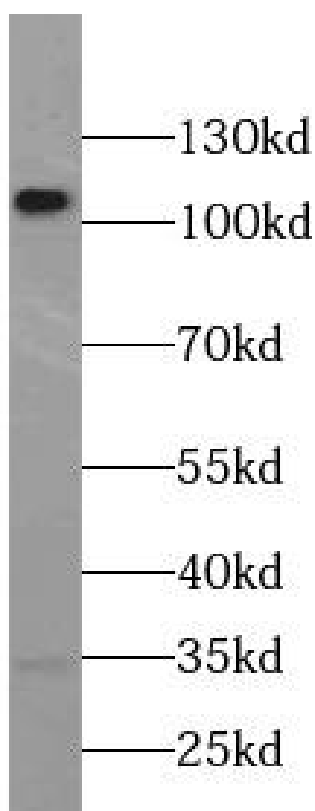
Tested Application: ELISA, IHC, FC, WB

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas tissue using FNab02807(EPHB4 antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab02807(EPHB4 Antibody) at dilution of 1:1000