

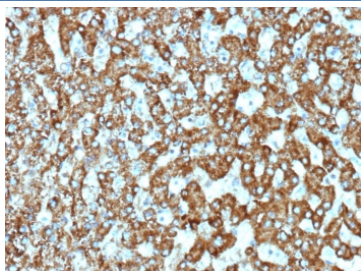
Recombinant EPH Receptor B4 Antibody / EPHB4 [clone EPHB4/9663R] (V5561)

Catalog No.	Formulation	Size
V5561-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5561-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5561SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

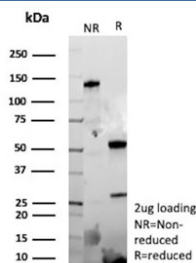
Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	EPHB4/9663R
Purity	Protein A/G affinity
UniProt	P54760
Localization	Membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant EPH Receptor B4 antibody is available for research use only.



IHC staining of FFPE human liver tissue with recombinant EPH Receptor B4 antibody (clone EPHB4/9663R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant EPH Receptor B4 antibody (clone EPHB4/9663R) as confirmation of integrity and purity.

Description

The Eph subfamily represents the largest group of receptor protein tyrosine kinases identified to date. While the biological activities of these receptors have yet to be determined, there is increasing evidence that they are involved in central nervous system function and in development. The Eph subfamily receptors of human origin (and their murine/avian homologs) include EphA1 (Eph), EphA2 (Eck), EphA3 (Hek4), EphA4 (Hek8), EphA5 (Hek7), EphA6 (Hek12), EphA7 (Hek11/MDK1), EphA8 (Hek3), EphB1 (Hek6), EphB2 (Hek5), EphB3 (Cek10, Hek2), EphB4 (Htk), EphB5 (Hek9) and EphB6 (Mep). Ligands for Eph receptors include ephrin-A4 (LERK-4) which binds EphA3 and EphB1. In addition, ephrin-A2 (ELF-1) has been described as the ligand for EphA4, ephrin-A3 (Ehk1-L) as the ligand for EphA5 and ephrin-B2 (Htk-L) as the ligand for EphB4 (Htk).

Application Notes

Optimal dilution of the recombinant EPH Receptor B4 antibody should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 1-200) of human EPHB4 protein was used as the immunogen for the recombinant EPH Receptor B4 antibody.

Storage

Aliquot the recombinant EPH Receptor B4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.