

EphB4 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2403
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of EphB4 (aa562-612) expressed in E. Coli.
Mol wt	108kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	HTK;MYK1;TYRO11

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

EphB4: EPH receptor B4. Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. 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. The Eph family of receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The protein encoded by this gene binds to ephrin-B2 and plays an essential role in vascular development.

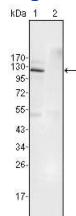
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using EphB4 mouse mAb against Jurkat (1) and HEK293 (2) cell lysate.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.