


Product datasheet

Anti-Eph receptor B1 + Eph receptor B2 antibody ab61765

[1 References](#) [3 Images](#)

Overview

Product name	Anti-Eph receptor B1 + Eph receptor B2 antibody
Description	Rabbit polyclonal to Eph receptor B1 + Eph receptor B2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic non-phosphopeptide derived from human Eph receptor B1 from around the phosphorylation site of tyrosine 594 (K-IY ^P -I-D).
Positive control	Extracts from HepG2 cells, HuvEc cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab61765 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/100.
WB		1/500 - 1/1000. Detects a band of approximately 110 kDa (predicted molecular weight: 110 kDa).
ICC/IF		1/500 - 1/1000.

Target

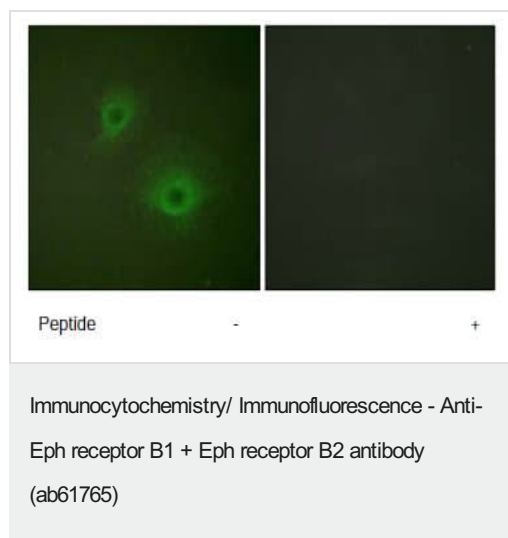
Relevance

Ephrin receptors bind members of the ephrin ligand family. They 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. They make up the largest subgroup of the receptor tyrosine kinase (RTK) family. Eph receptor B1 (EphB1) and Eph receptor B2 (EphB2) are receptors for ephrin-B family members. Developing and adult neural tissue express nearly all of the Ephrin receptors and ephrin ligands. Ephrins and ephrin receptors also play a significant role in angiogenesis. EphB2 acts as a tumor suppressor.

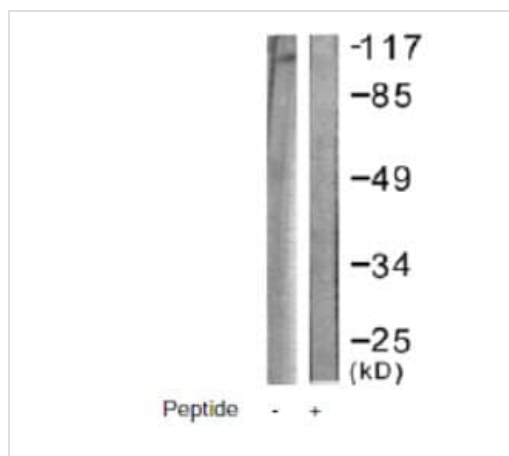
Cellular localization

Membrane; Single-pass type I membrane protein.

Images



HuvEc cells stained with ab61765 at 1/500 - 1/1000, with and without the immunising peptide.



Western blot - Anti-Eph receptor B1 + Eph receptor B2 antibody (ab61765)

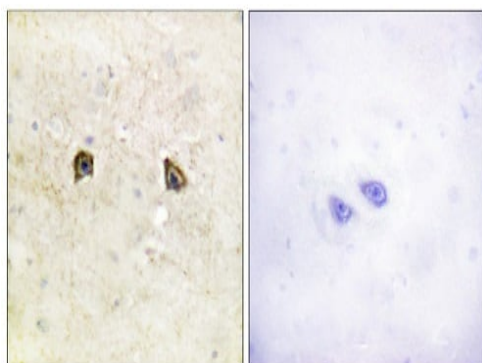
All lanes : Anti-Eph receptor B1 + Eph receptor B2 antibody (ab61765) at 1/500 dilution

Lane 1 : Extracts from HepG2 cells.

Lane 2 : Extracts from HepG2 cells and the immunising peptide.

Predicted band size: 110 kDa

Observed band size: 110 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Eph receptor B1 + Eph receptor B2 antibody (ab61765)

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using EPHB1/2 Antibody. The picture on the right is blocked with the synthesized peptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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