

Product datasheet

Anti-Eph receptor B4/HTK antibody [RM0056-6A14] ab73259

★★★★★ [1 Abreviews](#) [4 References](#) [2 Images](#)

Overview

Product name	Anti-Eph receptor B4/HTK antibody [RM0056-6A14]
Description	Rat monoclonal [RM0056-6A14] to Eph receptor B4/HTK
Host species	Rat
Specificity	ab73259 is specific for mouse Eph receptor B4/HTK. It does not cross-react with recombinant mouse EphA2, EphA3, EphA4, EphA6, EphA7 and EphB6
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant fragment corresponding to Mouse Eph receptor B4/HTK (extracellular). Database link: P54761
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Constituent: PBS
Purity	Protein A purified
Purification notes	ab73259 was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with recombinant mouse Eph receptor B4/HTK extracellular domain).
Clonality	Monoclonal
Clone number	RM0056-6A14
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab73259 in the following tested applications.

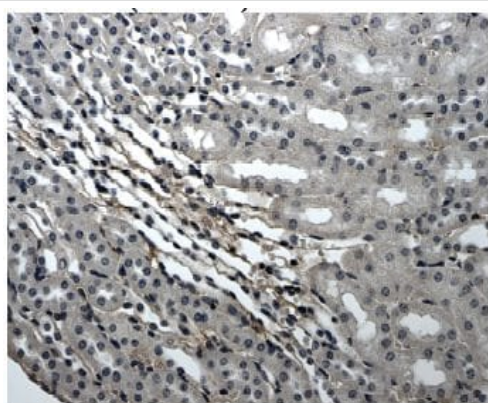
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (1)	1/100 - 1/200. Perform enzymatic antigen retrieval with 20 ug/ml proteinase K before commencing with IHC protocol.

Target

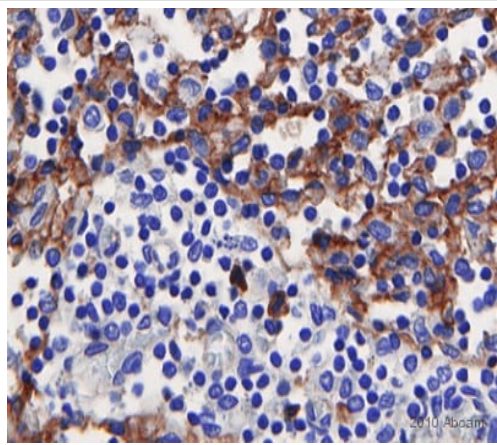
Function	Receptor for members of the ephrin-B family. Binds to ephrin-B2. May have a role in events mediating differentiation and development.
Tissue specificity	Abundantly expressed in placenta and in a range of primary tissues and malignant cell lines. Expressed in fetal, but not adult, brain, and in primitive and myeloid, but not lymphoid, hematopoietic cells.
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily. Contains 2 fibronectin type-III domains. Contains 1 protein kinase domain. Contains 1 SAM (sterile alpha motif) domain.
Post-translational modifications	Autophosphorylated.
Cellular localization	Membrane.

Images



ab73259 at 1/200 dilution, staining Eph receptor B4/HTK in LPS treated mouse kidney tissue section by Immunohistochemistry (Formalin/PFA fixed paraffin-embedded sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Eph receptor B4/HTK antibody [RM0056-6A14] (ab73259)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Eph receptor B4/HTK antibody [RM0056-6A14] (ab73259)

This image is courtesy of an anonymous Abreview

ab73259 staining the Eph receptor B4/HTK in Mouse lymph node tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with paraformaldehyde and blocked with 10% serum for 1 hour at 20°C; antigen retrieval was not performed. Samples were incubated with primary antibody (1/100) for 12 hours at 4°C. A Biotin-conjugated Rabbit anti-rat polyclonal (1/200) was used as the secondary antibody.

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

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