

### Anti-Eph receptor B4/HTK antibody ab64820

★★★★★ [2 Abreviews](#) [5 References](#) [3 图像](#)

#### 概述

产品名称	Anti-Eph receptor B4/HTK抗体
描述	兔多克隆抗体to Eph receptor B4/HTK
宿主	Rabbit
特异性	ab64820 detects endogenous levels of total Eph receptor B4 protein. We have not performed cross-reactivity testing to other class B Eph receptors. The immunogen has high homology to EPHB1(100%), EPHB3 (100%), EPHB2 (92%).
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human Eph receptor B4/HTK aa 550-650 (internal sequence). Database link: <a href="#">P54760</a>
阳性对照	WB: 293 cell, Jurkat, HY926 cells.
常规说明	<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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
纯度	Without Mg <sup>2+</sup> and Ca <sup>2+</sup> Immunogen affinity purified
纯化说明	ab64820 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen.
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab64820于以下的经测试应用

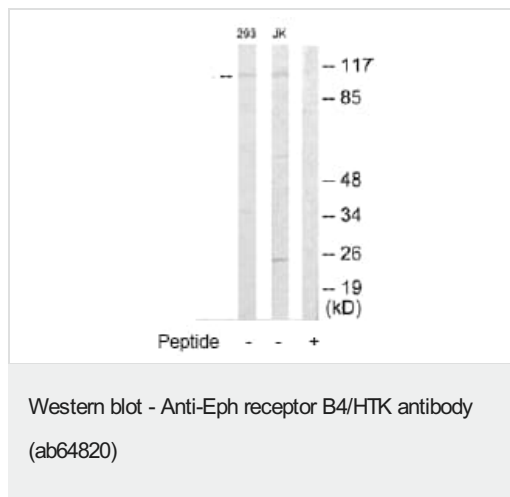
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (1)	Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB	★★★☆☆ (1)	1/500 - 1/1000. Detects a band of approximately 108 kDa (predicted molecular weight: 108 kDa).

## 靶标

功能	Receptor for members of the ephrin-B family. Binds to ephrin-B2. May have a role in events mediating differentiation and development.
组织特异性	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.
序列相似性	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.
翻译后修饰	Autophosphorylated.
细胞定位	Membrane.

## 图片



**All lanes :** Anti-Eph receptor B4/HTK antibody (ab64820) at 1/500 dilution

**Lane 1 :** 293 cell extract at 30 µg

**Lane 2 :** Jurkat cell extract at 30 µg

**Lane 3 :** immunising peptide at 10 µg

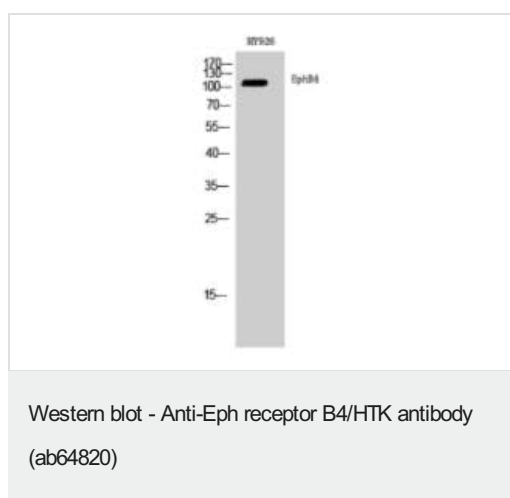
**Predicted band size:** 108 kDa

**Observed band size:** 108 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Eph receptor B4/HTK antibody (ab64820)

IHC image of ab64820 staining in human normal lymphoid formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with EDTA (pH9, epitope retrieval solution 2) for 20 mins. The section was then incubated with ab64820, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Anti-Eph receptor B4/HTK antibody (ab64820) at 1/2000 dilution + HY926 cell lysate

**Predicted band size:** 108 kDa

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

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