

**产品名称: Ephrin Receptor B4 Rabbit Monoclonal Antibody**  
**产品货号: AMRe04123**



## 产品概述 (Summary)

|                        |                                               |
|------------------------|-----------------------------------------------|
| 产品名称 (Production Name) | Ephrin Receptor B4 Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody        |
| 宿主 (Host)              | Rabbit                                        |
| 应用 (Application)       | WB,IHC                                        |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                               |

## 产品性能 (Performance)

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                         |
| 修饰 (Modification)   | Unmodified                                                                                           |
| 同种型 (Isotype)       | IgG                                                                                                  |
| 克隆 (Clonality)      | Monoclonal                                                                                           |
| 形式 (Form)           | Liquid                                                                                               |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| 储存溶液 (Buffer)       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| 纯化方式 (Purification) | Affinity Purification                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | EPHB4                                                                                                             |
| 别名 (Alternative Names) | EPHB4; HTK; MYK1; TYRO11; Ephrin type-B receptor 4; Hepatoma transmembrane kinase; Tyrosine-protein kinase TYRO11 |
| 基因 ID (Gene ID)        | 2050                                                                                                              |
| 蛋白 ID (SwissProt ID)   | P54760.                                                                                                           |

## 产品应用 (Application)

|                          |                                              |
|--------------------------|----------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100               |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 108 kDa; Observed MW: 135 kDa |

## 研究背景 (Background)

**产品名称: Ephrin Receptor B4 Rabbit Monoclonal Antibody**  
**产品货号: AMRe04123**

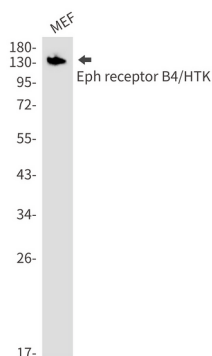


EPH receptor B4 (EphB4), with 987-amino acid protein (about 108kDa), belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. The Eph receptor tyrosine kinases and their ligands, the ephrins, regulate numerous biological processes in developing and adult tissues and have been implicated in cancer progression and in pathological forms of angiogenesis. EphB4 acts as a negative regulator of blood vessel branching and vascular network formation, switching the vascularization program from sprouting angiogenesis to circumferential vessel growth. EphB4 and its ligand ephrinB2 express in several kinds of tumor cells and correlate with tumorigenesis. EphB4 is thus a potential candidate as a predictor of disease outcome in several kinds of tumor and as target for novel therapy.

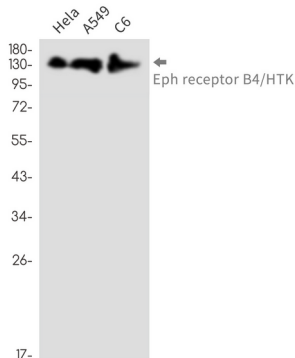
## 研究领域 (Research Area)

Cardiovascular

## 图片 (Image Data)

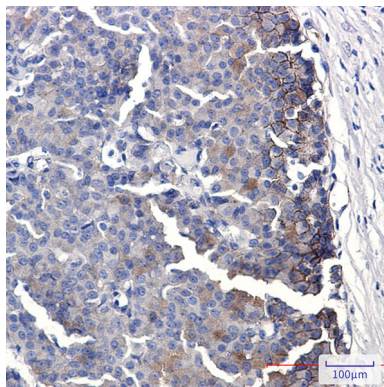


Western blot analysis of Eph receptor B4/HTK in MEF lysates using Ephrin Receptor B4 antibody.



Western blot analysis of Eph receptor B4/HTK in HeLa, A549, C6 lysates using Eph receptor B4/HTK antibody.

产品名称: Ephrin Receptor B4 Rabbit Monoclonal Antibody  
产品货号: AMRe04123



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Eph receptor B4/HTK antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

#### 注意事项 (Note)

For research use only .