

EPHRIN RECEPTOR B4 RABBIT MAB

Cat.#: N263317

Product Name: Anti-Ephrin Receptor B4 Rabbit Monoclonal Antibody

Synonyms: EPHB4; HTK; MYK1; TYRO11; Ephrin type-B receptor 4; Hepatoma transmembrane kinase; Tyrosine-protein kinase TYRO11

UNIPROT ID: P54760

Background: 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.

Immunogen: Recombinant protein of human Eph receptor B4/HTK

Applications: WB,IHC-P

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-3B0

MW: Calculated MW: 108 kDa; Observed MW: 135 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

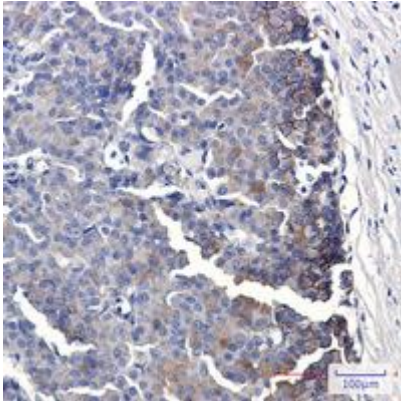
Conjugation: Unconjugated

Modification: Unmodified

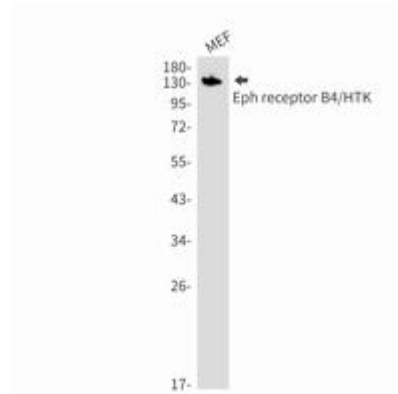
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience EYYP EYYP EYYP EYYP EYYP EYYP Ephrin Receptor

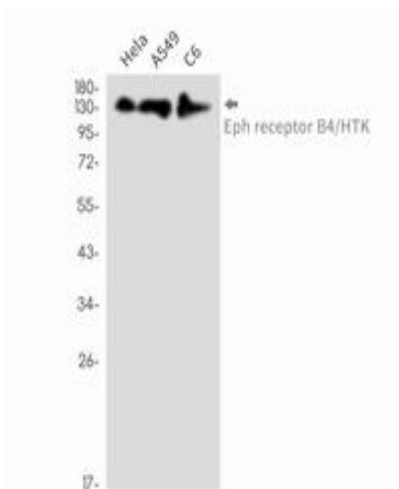
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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.



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.