

EphB6 (8E7H) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252648

Unit: 0.1 mg

Description:

EphB6 (EPH receptor B6) is a 1006-amino acid protein (~110 kDa), belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. Eph receptors and ephrin ligands are membrane-bound cell-cell communication molecules with well-defined functions in development. EphB6 is expressed both in a variety of embryonic and adult tissues. EphB6 is a unique member in the Eph family of receptor tyrosine kinases in that its kinase domain contains several alterations in conserved amino acids and is catalytically inactive. EphB6 can both positively and negatively regulate cell adhesion and migration and tyrosine phosphorylation of the receptor by an Src family kinase acts as the molecular switch for the functional transition.

Isotype: Mouse IgG1

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in PBS pH7.4 with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Ephrin type-B receptor 6; HEP; Tyrosine-protein kinase-defective receptor EPH-6; EPHB6

Accession No.: O15197

Antigen: Purified recombinant fragment of EphB6 expressed in E. coli.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.