



## EphA5 (EPH receptor A5)

### Catalog number

030174

### Supplier

United States Biological

EphA5: EPH receptor A5. This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands.

### Applications

Western Blotting: 1:500-1:2000.

ELISA: Suggested dilution 1:10000.

Optimal dilutions to be determined by the researcher.

### Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

### Immunogen

Purified recombinant fragment of EphA5 (aa620-774) expressed in E. coli.

### Formulation

Ascites fluid, 0.03% sodium azide.

### Purity

Ascites

### Specificity

Human

### Product Type

Mab

### Source

human

### Isotype

IgG1

### Grade

Ascites



## Applications

E WB

## Crossreactivity

Hu

## Storage

-20°C

## Reference

1. Nat Rev Neurosci. 2001 Mar;2(3):155-64.
2. BMC Cancer. 2006 Jun 1;6:144.