

## Anti-Eph receptor A5/EPHA5 Antibody Picoband® HRP Conjugated

Catalog Number: PB9583-HRP

### About EPHA5

EPH receptor A5 (ephrin type-A receptor 5) is a protein that in humans is encoded by the EPHA5 gene. 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. Alternatively spliced transcript variants encoding different isoforms have been described.

### Overview

Product Name	Anti-Eph receptor A5/EPHA5 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P54756

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Eph receptor A5, different from the related mouse sequence by two amino acids.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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