

For Research Use Only

# EPHA1-special Monoclonal antibody

Catalog Number: 60155-1-Ig



## Basic Information

<b>Catalog Number:</b> 60155-1-Ig	<b>GenBank Accession Number:</b> BC130291	<b>Purification Method:</b> Protein G purification
<b>Size:</b> N/A	<b>GeneID (NCBI):</b> 2041	<b>CloneNo.:</b> 5B9E8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P21709	
<b>Isotype:</b> IgG1	<b>Full Name:</b> EPH receptor A1	
	<b>Calculated MW:</b> 108 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

EPHA1, also named as EPH, EPHT and EPHT1, belongs to 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. Ligands in the ephrin-A subclass, including the prototype family member ephrin-A1 (B61), are membrane associated through glycosylphosphatidyl-inositol linkages, whereas ephrin-B subclass consists of ligands with transmembrane domains. The general role of the Eph family is in mediating repulsive cell-cell interaction.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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## Selected Validation Data