

EPHA4 rabbit monoclonal antibody

Catalog # H00002043-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EPHA4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EPHA4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human EPHA4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — EPHA4

Entrez GeneID	2043
GeneBank Accession#	EPHA4
Gene Name	EPHA4
Gene Alias	HEK8, SEK, TYRO1
Gene Description	EPH receptor A4
Omim ID	602188
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000164185 TYRO1 protein tyrosine kinase ephrin receptor EphA4 ephrin type-A receptor 4 receptor protein-tyrosine kinase HEK8 tyrosine-protein kinase receptor SEK

Pathway

- [Axon guidance](#)

Disease

- [Alzheimer Disease](#)
- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)