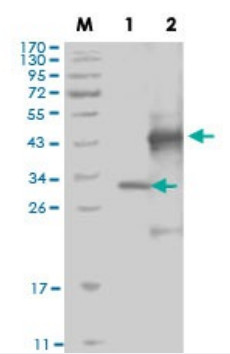
EPHA4 monoclonal antibody, clone 7D3D4

Catalog # MAB17687 Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis of truncated (1) Trx-EphA4 recombinant protein and (2) GST-EPHA4 recombinant protein with EPHA4 monoclonal antibody.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human EPHA4.
Immunogen	Recombinant protein corresponding to amino acids 777-986 of human EPHA4 from *E. coli*.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide).

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Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

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Gene Info — EPHA4

Entrez GeneID	2043
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 th e nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an e xtracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin rece ptors are divided into 2 groups based on the similarity of their extracellular domain sequences an d 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 rec eptor 4|receptor protein-tyrosine kinase HEK8|tyrosine-protein kinase receptor SEK

Pathway

- Axon guidance

Disease

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- Alzheimer Disease
- Cognition Disorders
- Genetic Predisposition to Disease
- Parkinson disease

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