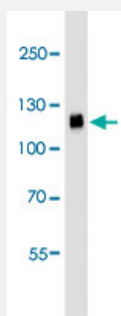


# EPHA5 monoclonal antibody, clone 46CT61.6.4

Catalog # MAB12324      Size 400 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of U-251 MG cell line lysates reacted with EPHA5 monoclonal antibody (Cat # MAB12324) at 1:1000 dilution.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed and paraffin-embedded human brain tissue reacted with EPHA5 monoclonal antibody (Cat # MAB12324) at 1:10-1:50 dilution.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant human EPHA5.
<b>Immunogen</b>	Recombinant His fusion protein corresponding to human EPHA5.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification

Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (1:10-1:50) Western Blot (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
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 should be handled by trained staff only.

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## Gene Info — EPHA5

Entrez GeneID	<a href="#">2044</a>
Gene Name	EPHA5
Gene Alias	CEK7, EHK1, HEK7, TYRO4
Gene Description	EPH receptor A5
Omim ID	<a href="#">600004</a>
Gene Ontology	<a href="#">Hyperlink</a>
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. Two transcript variants encoding different isoforms have been found for this gene.

**Other Designations**

Eph homology kinase-1|ephrin receptor EphA5|ephrin type-A receptor 5|receptor protein-tyrosine kinase HEK7|tyrosine-protein kinase receptor EHK-1

**Pathway**

- [Axon guidance](#)

**Disease**

- [Tobacco Use Disorder](#)