

# EPHB6 (Human) Cell-Based ELISA Kit

Catalog # KA2840

Size 1 Kit

## Specification

<b>Product Description</b>	EPHB6 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of EPHB6 expression in cultured cells.
<b>Suitable Sample</b>	Attached Cell, Loosely Attached Cell, Suspension Cell
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Qualitative
<b>Reactivity</b>	Human, Mouse, Rat
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store the kit at 4°C.

## Applications

- Qualitative

## Gene Info — EPHB6

<b>Entrez GeneID</b>	<a href="#">2051</a>
<b>Protein Accession#</b>	<a href="#">O15197</a>
<b>Gene Name</b>	EPHB6
<b>Gene Alias</b>	HEP, MGC129910, MGC129911
<b>Gene Description</b>	EPH receptor B6

Omim ID [602757](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The ephrin receptor encoded by this gene lacks the kinase activity of most receptor tyrosine kinases and binds to ephrin-B ligands. [provided by RefSeq]

Other Designations ephrin receptor EphB6

## Pathway

- [Axon guidance](#)