EPHB2 (Human) Cell-Based ELISA Kit

Catalog # KA2838 Size 1 Kit

Specification

Product Description	EPHB2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of EPHB2 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — EPHB2

Entrez GeneID	2048
Protein Accession#	P29323
Gene Name	EPHB2
Gene Alias	CAPB, DRT, EPHT3, ERK, Hek5, MGC87492, PCBC, Tyro5
Gene Description	EPH receptor B2

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Omim ID	600997 603688
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 protein encoded by this gene is a receptor for ephrin-B family members. [provided by RefSeq
Other Designations	OTTHUMP00000002914|OTTHUMP00000002916|developmentally-regulated eph-related tyrosine kinase|elk-related tyrosine kinase|eph tyrosine kinase 3|ephrin receptor EphB2|prostate cancer-brain cancer susceptibility

Pathway

- Axon guidance

Disease

- Adenomatous Polyposis Coli
- Cardiovascular Diseases
- Cleft Lip
- Cleft Palate
- Colon cancer
- Colorectal Neoplasms
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Intestinal Polyposis
- Parkinson disease
- Precancerous Conditions

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- Prostate cancer
- Prostatic Neoplasms

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