

## EphA10 Antibody

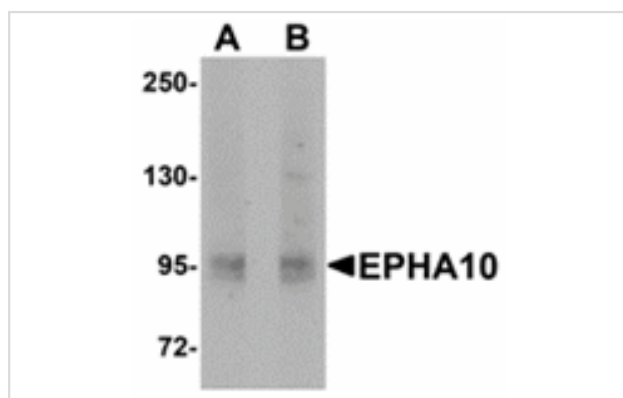
Catalog No: #24927

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## Description

Product Name	EphA10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide of near the amino terminus of human EphA10.
Target Name	EphA10
Other Names	EphA10, EPH receptor A10, Ephrin type-A receptor 10, FLJ16103
Accession No.	Swiss-Prot:Q5JZY3Gene ID:284656
Uniprot	Q5JZY3
GeneID	284656;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of EphA10 in 293 cell lysate with EphA10 antibody at (A) 1 ug/mL and (B) 2 ug/mL.

## Background

Eph receptors, the largest subfamily of receptor tyrosine kinases (RTKs), and their ephrin ligands are important mediators of cell-cell communication regulating cell attachment, shape, and mobility of neuronal and endothelial cells in central nervous system function and in development. Eph receptors can be divided into two subgroups: EphA and EphB. In mammals, the EphA class consists of eight members (EphA 1-7 and 10) that in general bind to ephrin-A members linked to the cell membrane through a glycosylphosphatidylinositol linkage. The EphB class consists of six members (EphB 1-6) that in general bind ephrin-B members that transverse the cell membrane. The Ephrin / EPH signaling pathway networks with the WNT signaling pathway during embryogenesis, tissue regeneration, and carcinogenesis. Recent studies show that Eph/EFN might be relevant in normal B-cell biology and could represent new potential prognostic markers and therapeutic targets for CLL.

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Note: This product is for in vitro research use only