EPHA3/4/5 (Phospho-Tyr779/833) Conjugated Antibody

Catalog No: #C11729

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Package Size: #C11729-AF350 100ul #C11729-AF405 100ul #C11729-AF488 100ul #C11729-AF555 100ul #C11729-AF594 100ul #C11729-AF647 100ul #C11729-AF680 100ul #C11729-AF750 100ul #C11729-Biotin 100ul

Description

Product Name	EPHA3/4/5 (Phospho-Tyr779/833) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of EPHA3/4/5 only when phosphorylated at tyrosine 779/833.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 779/833 (E-A-Y(p)-T-T)/(A-A-Y(p)-T-T) derived from Human EPHA3/4/5.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EPA3;ETK;HEK;MEK4;REK
Accession No.	Swiss-Prot#:P29320/54764/54756NCBI Gene ID:2042/2043NCBI mRNA#:NM_004438.3. NCBI Protein#:NP_004429.1.
Uniprot	P29320
GeneID	2042;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	110
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Background

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. This gene encodes a protein that binds ephrin-A ligands.

Note: This product is for in vitro research use only