

DLC1 (Phospho-Ser986) Conjugated Antibody

Catalog No: #C11592



Package Size: #C11592-AF350 100ul #C11592-AF405 100ul #C11592-AF488 100ul
 #C11592-AF555 100ul #C11592-AF594 100ul #C11592-AF647 100ul
 #C11592-AF680 100ul #C11592-AF750 100ul #C11592-Biotin 100ul

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Description

Product Name	DLC1 (Phospho-Ser986) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of DLC1 only when phosphorylated at serine 986.
Immunogen Description	Peptide sequence around phosphorylation site of serine 15 (A-N-S(p)-N-V) derived from Human MLC2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ARHGAP7, KIAA1723, STARD12
Accession No.	Swiss-Prot#:Q96QB1NCBI Gene ID:10395NCBI mRNA#:NM_182643.2. NCBI Protein#:NP_872584.2.
Uniprot	Q96QB1
GeneID	10395;
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	171114123
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 chromatography using non-phosphopeptide.

Background

Functions as a GTPase-activating protein for the small GTPases RHOA, RHOB, RHOC and CDC42, terminating their downstream signaling. This induces morphological changes and detachment through cytoskeletal reorganization, playing a critical role in biological processes such as cell migration and proliferation. Also functions in vivo as an activator of the phospholipase PLCD1. Active DLC1 increases cell migration velocity but reduces directionality.

Note: This product is for in vitro research use only