CDC42 Conjugated Antibody

Catalog No: #C49282

Package Size: #C49282-AF350 100ul #C49282-AF405 100ul #C49282-AF488 100ul #C49282-AF555 100ul #C49282-AF594 100ul #C49282-AF647 100ul #C49282-AF680 100ul #C49282-AF750 100ul #C49282-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CDC42 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CDC42 antibody CDC42_HUMAN antibody CDC42Hs antibody Cell division control protein 42 homolog antibody Cell division cycle 42 (GTP binding protein 25kDa) antibody Cell division cycle 42 antibody dJ224A6.1.1 (cell division cycle 42 (GTP-binding protein, 25kD)) antibody dJ224A6.1.2 (cell division cycle 42 (GTP-binding protein, 25kD)) antibody G25K antibody G25K GTP-binding protein antibody Growth regulating protein antibody GTP binding protein 25kDa antibody Small GTP binding protein CDC42 antibody TKS antibody
Accession No.	Swiss-Prot#:P60953
Uniprot	P60953
GeneID	998;
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	21 kDa
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

Background

The superfamily of GTP-binding proteins, for which the Ras proteins are prototypes, has been implicated in regulation of diverse biological activities involving various aspects of cell growth and division. One mammalian member of the family, Cdc42, has an amino acid sequence that is similar to those of various members of the Ras superfamily proteins, including N-, K- and H-Ras, Rho proteins and the Rac proteins. On the basis of in vitro phosphorylation studies, it has been suggested that human Cdc42 may function in the signaling pathway of the EGF receptor or related growth factor receptor protein kinases. The Dbl oncogene has been shown to specifically catalyze dissociation of GDP from human Cdc42.

Note: This product is for in vitro research use only