Cdc6 (Phospho-S54) Conjugated Antibody

Catalog No: #C13414

Package Size: #C13414-AF350 100ul #C13414-AF405 100ul #C13414-AF488 100ul #C13414-AF555 100ul #C13414-AF594 100ul #C13414-AF647 100ul #C13414-AF680 100ul #C13414-AF750 100ul #C13414-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Cdc6 (Phospho-S54) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Immunoglobin heavy chain constant region mu edit item name - Immunoglobin heavy chain mu constant region antibody Immunoglobin heavy chain constant region mu antibody AGM1 antibody Constant region of heavy chain of IgM antibody DKFZp686I15196 antibody DKFZp686I15212 antibody FLJ00385 antibody Ig mu chain C region antibody IGHM antibody IgM heavy chain constant region antibody Immunoglobin heavy constant mu antibody Immunoglobulin mu antibody MGC104996 antibody MGC52291 antibody MU antibody VH antibody
Accession No.	Swiss-Prot#:P01871
Uniprot	P01871
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	75
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

Immunoglobulin M (IgM) is the largest circulating antibody molecule in humans. It consists of a heavy chain (?-chain) and a light chain (κ- or oΩ½oΩ½-chain), as well as 5 base units and 10 binding sites, though it cannot bind all 10 simultaneously because of steric hindrance. IgM chain C refers to the constant region of the IgM heavy chain that is involved in immune regulation. IgM forms polymers by covalently linking multiple immunoglobulins together with disulfide bonds. It normally exists as a pentamer, but occasionally as a hexamer. Because of its polymeric nature, IgM has high avidity, and it is especially effective at complement activation. Due to its large size, IgM does not diffuse well, and it is found in the interstitium in very low amounts. IgM is mainly found in serum; however, because of the J chain, it is also important as a secretory immunoglobulin. IgM is the first immunoglobulin expressed by mature B cells, and it normally appears early in the course of an infection and does not reappear after further exposure.

Note: This product is for in vitro research use only