

CCDC12 Conjugated Antibody

Catalog No: #C46418



Package Size: #C46418-AF350 100ul #C46418-AF405 100ul #C46418-AF488 100ul

#C46418-AF555 100ul #C46418-AF594 100ul #C46418-AF647 100ul

#C46418-AF680 100ul #C46418-AF750 100ul #C46418-Biotin 100ul

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Description

Product Name	CCDC12 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CCDC12 protein.
Immunogen Description	Full length fusion protein of human CCDC12
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Accession No.	Swiss-Prot#:Q8WUD4NCBI Gene ID:151903NCBI Protein#:BC020830
Uniprot	Q8WUD4
GeneID	151903;
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
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

CCDC12, also known as FLJ39430, FLJ40801 or MGC23918, is a 166 amino acid protein encoded by a gene mapping to human chromosome 3. Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

Note: This product is for in vitro research use only