

MARVELD1 Conjugated Antibody

Catalog No: #C37717



Package Size: #C37717-AF350 100ul #C37717-AF405 100ul #C37717-AF488 100ul
 #C37717-AF555 100ul #C37717-AF594 100ul #C37717-AF647 100ul
 #C37717-AF680 100ul #C37717-AF750 100ul #C37717-Biotin 100ul

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Description

Product Name	MARVELD1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total MARVELD1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human MARVEL domain containing 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GB14; MARVD1; MRVLDC1; bA548K23.8
Accession No.	Swiss-Prot#:Q9BSK0NCBI Gene ID:83742NCBI mRNA#:NCBI Protein#:NP_001186796
Uniprot	Q9BSK0
GeneID	83742;
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	19
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

MARVELD1 (MARVEL domain containing 1), also known as GB14, MARVD1 or MRVLDC1, is a 173 amino acid protein that is widely expressed and contains one MARVEL (MAL and related proteins for vesicle trafficking and membrane link) domain. The MARVEL domain, which is common in Occludin proteins, is a 130 amino acid motif that contains four transmembrane helices, both of which have cytoplasmic N- and C-terminal regions. Localizing to the nucleus, MARVELD1 is downregulated in primary multiple tumors of liver, bladder, ovary, vulva, breast, testis, uterus, kidney and testis. The gene encoding MARVELD1 maps to human chromosome 10, which makes up approximately 4.5% of total DNA in cells and encodes nearly 1,200 genes. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromic deafness, Wolmans syndrome and Cowden syndrome.

Note: This product is for in vitro research use only