PRDM5 Conjugated Antibody

Catalog No: #C48384

Package Size: #C48384-AF350 100ul #C48384-AF405 100ul #C48384-AF488 100ul #C48384-AF555 100ul #C48384-AF594 100ul #C48384-AF647 100ul #C48384-AF680 100ul #C48384-AF750 100ul #C48384-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PRDM5 Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BCS2 antibody PFM 2 antibody PFM2 antibody PR domain containing 5 antibody PR domain containing protein 5 antibody PR domain zinc finger protein 5 antibody PR domain-containing protein 5 antibody PRDM 5 antibody PRDM5 antibody PRDM5 protein antibody PRDM5_HUMAN antibody
Accession No.	Swiss-Prot#:Q9NQX1
Uniprot	Q9NQX1
GeneID	11107;
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	73 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

A cDNA of PRDM5 was isolated based upon its homology to the PR domain of PRDM2. The gene encodes an open reading frame of 630 amino acids and contains a PR domain in the NH-terminal region followed by 16 zinc finger motifs. Through radiation hybrid analysis, PRDM5 was mapped to human chromosome 4q27, a region thought to contain tumor suppressor genes for ovarian, breast, lung, liver, colon, and other cancers. The gene has a CpG island promoter and is silenced in human breast, ovarian, and liver cancers. Upon infection of tumor cells, a recombinant adenovirus expressing PRDM5 causes G2/M arrest and apoptosis, suggesting that inhibition of PRDM5 may be involved in carcinogenesis.

Note: This product is for in vitro research use only