

CRMP5 Antibody FITC Conjugated

Catalog No: #C07364F

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Description

Product Name	CRMP5 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human CRMP5
Conjugates	FITC
Target Name	CRMP5
Other Names	Collapsin response mediator protein 5; CRAM; CRMP 3 associated molecule; CRMP 5; CRMP3 associated molecule; Dihydropyrimidinase like 5; Dihydropyrimidinase related protein 5; DPYS L5; DPYSL 5; DPYSL5; DRP 5; DRP5; FLJ45383; Ulip 6; Ulip6; ULIP6 protein.
Accession No.	NCBI Gene ID56896
Uniprot	Q9BPU6
GeneID	56896;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

The collapsin response mediator protein (CRMP) family of proteins (also referred to as ULIP6) are a group of neurologic proteins that have been found to play key roles in growth cone guidance during neural development. CRMP5 has relatively low sequence homology with the other four members of the CRMP family. CRMP5 is expressed in the developing nervous system in an expression pattern that resembles CRMP2 and has a peak expression during the first postnatal week. Elevated levels of autoantibody to CRMP5 have been shown to be linked paraneoplastic autoimmune optic neuritis and other paraneoplastic neoplasms. Auto-immunity against CRMP5 expression (predominantly the N-terminal epitopes) is also being investigated as an oncological marker in the respiratory system and in the thymus.

Note: This product is for in vitro research use only