

## RMDN2 Conjugated Antibody

Catalog No: #C47402



Package Size: #C47402-AF350 100ul #C47402-AF405 100ul #C47402-AF488 100ul  
 #C47402-AF555 100ul #C47402-AF594 100ul #C47402-AF647 100ul  
 #C47402-AF680 100ul #C47402-AF750 100ul #C47402-Biotin 100ul

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## Description

Product Name	RMDN2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms, Rat
Specificity	The antibody detects endogenous levels of total RMDN2 protein.
Immunogen Description	Fusion protein of human RMDN2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	RMD2; RMD4; RMD-2; FAM82A; BLOCK18; FAM82A1; PRO34163; PYST9371
Accession No.	Swiss-Prot#:Q96LZ7NCBI Gene ID:151393NCBI mRNA#:NCBI Protein#:BC024243
Uniprot	Q96LZ7
GeneID	151393;
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	47 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

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The human protein FAM82A1, also known as regulator of microtubule dynamics 2 (RMD2), was one of three proteins identified as related to a family of microtubule-associated proteins in *C. elegans*. FAM82A1 contains multiple coiled-coil domains and localizes to the spindle microtubules and spindle poles during cell division. During interphase, RMD2 localizes to the cytoplasm with protein observed in the microtubule lattice and perinuclear region.

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Note: This product is for in vitro research use only