

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

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

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

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.

Note: This product is for in vitro research use only