

## DENND1B Conjugated Antibody

Catalog No: #C47045



Package Size: #C47045-AF350 100ul #C47045-AF405 100ul #C47045-AF488 100ul  
 #C47045-AF555 100ul #C47045-AF594 100ul #C47045-AF647 100ul  
 #C47045-AF680 100ul #C47045-AF750 100ul #C47045-Biotin 100ul

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## Description

Product Name	DENND1B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DENND1B protein.
Immunogen Description	Fusion protein of human DENND1B
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FAM31B; C1ORF18; C1orf218
Accession No.	Swiss-Prot#:Q6P3S1NCBI Gene ID:163486NCBI Protein#:BC022561
Uniprot	Q6P3S1
GeneID	163486;
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
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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Clathrin (see MIM 118955)-mediated endocytosis is a major mechanism for internalization of proteins and lipids. Members of the connectin family, such as DENND1B, function as guanine nucleotide exchange factors (GEFs) for the early endosomal small GTPase RAB35 (MIM 604199) and bind to clathrin and clathrin adaptor protein-2 (AP2; see MIM 601024). Thus, connectins link RAB35 activation with the clathrin machinery (Marat and McPherson, 2010 [PubMed 20154091]).

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Note: This product is for in vitro research use only