

ROMO1 Conjugated Antibody

Catalog No: #C47598

Package Size: #C47598-AF350 100ul #C47598-AF405 100ul #C47598-AF488 100ul
 #C47598-AF555 100ul #C47598-AF594 100ul #C47598-AF647 100ul
 #C47598-AF680 100ul #C47598-AF750 100ul #C47598-Biotin 100ul

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Description

Product Name	ROMO1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms
Specificity	The antibody detects endogenous levels of total ROMO1 protein.
Immunogen Description	Synthetic peptide of human ROMO1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MTGM; MTGMP; C20orf52; bA353C18.2
Accession No.	Swiss-Prot#:P60602NCBI Gene ID:140823NCBI mRNA#:NCBI Protein#:NP_542786
Uniprot	P60602
GeneID	140823;
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	8 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 protein encoded by this gene is a mitochondrial membrane protein that is responsible for increasing the level of reactive oxygen species (ROS) in cells. The protein also has antimicrobial activity against a variety of bacteria by inducing bacterial membrane breakage.

Note: This product is for in vitro research use only