

PAM16 Conjugated Antibody

Catalog No: #C47431



Package Size: #C47431-AF350 100ul #C47431-AF405 100ul #C47431-AF488 100ul
 #C47431-AF555 100ul #C47431-AF594 100ul #C47431-AF647 100ul
 #C47431-AF680 100ul #C47431-AF750 100ul #C47431-Biotin 100ul

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Description

Product Name	PAM16 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms
Specificity	The antibody detects endogenous levels of total PAM16 protein.
Immunogen Description	Fusion protein of human PAM16
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TIM16; MAGMAS; SMDMDM; TIMM16; CGI-136
Accession No.	Swiss-Prot#:Q9Y3D7NCBI Gene ID:51025NCBI Protein#:BC005024
Uniprot	Q9Y3D7
GeneID	51025;
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

This gene encodes a mitochondrial protein involved in granulocyte-macrophage colony-stimulating factor (GM-CSF) signaling. This protein also plays a role in the import of nuclear-encoded mitochondrial proteins into the mitochondrial matrix and may be important in reactive oxygen species (ROS) homeostasis. Mutations in this gene cause Megarbane-Dagher-Melike type spondylometaphyseal dysplasia, an early lethal skeletal dysplasia characterized by short stature, developmental delay and other skeletal abnormalities.?

Note: This product is for in vitro research use only