AMD1 Conjugated Antibody

Catalog No: #C37098

Package Size: #C37098-AF350 100ul #C37098-AF405 100ul #C37098-AF488 100ul #C37098-AF555 100ul #C37098-AF594 100ul #C37098-AF647 100ul #C37098-AF680 100ul #C37098-AF750 100ul #C37098-Biotin 100ul

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Description

Product Name	AMD1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AMD1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human adenosylmethionine decarboxylase 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AMD; SAMDC; ADOMETDC
Accession No.	Swiss-Prot#:P17707NCBI Gene ID:262NCBI Protein#:NP_005773
Uniprot	P17707
GeneID	262;
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 an important intermediate enzyme in polyamine biosynthesis. The polyamines spermine, spermidine, and putrescine are low-molecular-weight aliphatic amines essential for cellular proliferation and tumor promotion. Two alternatively spliced transcript variants that encode different proteins have been identified. Pseudogenes of this gene are found on chromosomes 5, 6, 10, X and Y.

Note: This product is for in vitro research use only