Methionine Aminopeptidase 2 Conjugated Antibody

Catalog No: #C49961

Package Size: #C49961-AF350 100ul #C49961-AF405 100ul #C49961-AF488 100ul #C49961-AF555 100ul #C49961-AF594 100ul #C49961-AF647 100ul #C49961-AF680 100ul #C49961-AF750 100ul #C49961-Biotin 100ul

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

Description

Product Name	Methionine Aminopeptidase 2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within C-terminal human Methionine Aminopeptidase 2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	A930035J23Rik antibody AI047573 antibody AL024412 antibody Amp2 antibody AU014659, antibody EIF 2 associated p67 homolog antibody EIF-2-associated p67 antibody Initiation factor 2 associated 67 kDa glycoprotein antibody Initiation factor 2-associated 67 kDa glycoprotein antibody MAP 2 antibody MAP2 antibody MAP2_HUMAN antibody MetAP 2 antibody Metap2 antibody Methionine aminopeptidase 2 antibody Methionyl aminopeptidase 2 antibody MGC102452 antibody MGC127390 antibody MGC53792 antibody MNPEP antibody p67 antibody p67eIF2 antibody Peptidase M antibody Peptidase M2 antibody
Accession No.	Swiss-Prot#:P50579
Uniprot	P50579
GeneID	10988;
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	Predicted band size 53 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

Methionine aminopeptidases (MetAP), also designated peptidase M proteins, are members of the M24 family of proteins. Both MetAP-1 and MetAP-2 release N-terminal amino acids, usually methionine, from nascent peptides and arylamines. Eukaryotes contain both MetAP-1 and MetAP-2, whereas prokaryotes possess only the MetAP-1 enzyme. MetAP-1 and MetAP-2 control cell proliferation in mammalian cells. MetAP-2 is highly conserved between human and Saccharomyces cerevisiae. Neurofibromin (NF1) regulates MetAp-2 and increased expression of MetAP-2 correlates with several forms of cancer. Inhibitors of MetAP-2 are potential targets in cancer therapeutics, particularly in NF1-associated tumor proliferation. Chemotherapeutic drugs such as ovalicin and fumagillin bind to the active site of and inhibit MetAp-2.

Note: This product is for in vitro research use only