

MEP1B Conjugated Antibody

Catalog No: #C27286



Package Size: #C27286-AF350 100ul #C27286-AF405 100ul #C27286-AF488 100ul
#C27286-AF555 100ul #C27286-AF594 100ul #C27286-AF647 100ul
#C27286-AF680 100ul #C27286-AF750 100ul #C27286-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MEP1B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Ms
Immunogen Description	Recombinant fusion protein of human MEP1B (NP_005916.2).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MEP1B; meprin A subunit beta
Accession No.	Swiss-Prot#:Q16820NCBI Gene ID:4225
Uniprot	Q16820
GeneID	4225;
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	105kDa
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

Meprins are multidomain zinc metalloproteases that are highly expressed in mammalian kidney and intestinal brush border membranes, and in leukocytes and certain cancer cells. They are involved in the hydrolysis of a variety of peptide and protein substrates, and have been implicated in cancer and intestinal inflammation. Mature meprins are oligomers of evolutionarily related, but separately encoded alpha and/or beta subunits. Homooligomers of alpha subunit are secreted, whereas, oligomers containing the beta subunit are plasma membrane-bound. This gene encodes the beta subunit. Targeted disruption of this gene in mice affects embryonic viability, renal gene expression profiles, and distribution of the membrane-associated alpha subunit in kidney and intestine.

Note: This product is for in vitro research use only