MMP3 Conjugated Antibody

Catalog No: #C49688

Package Size: #C49688-AF350 100ul #C49688-AF405 100ul #C49688-AF488 100ul #C49688-AF555 100ul #C49688-AF594 100ul #C49688-AF647 100ul #C49688-AF680 100ul #C49688-AF750 100ul #C49688-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MMP3 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CHDS6 antibody Matrix metalloproteinase 3 antibody Matrix metalloproteinase-3 antibody MGC126102 antibody MGC126103 antibody MGC126104 antibody MMP 3 antibody MMP-3 antibody MMP3 antibody MMP3_HUMAN antibody Proteoglycanase antibody SL-1 antibody SL1 antibody STMY antibody STMY1 antibody STR1 antibody Stromelysin 1 antibody Stromelysin-1 antibody Transin 1 antibody Transin-1 antibody
Accession No.	Swiss-Prot#:P08254
Uniprot	P08254
GeneID	4314;
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

The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis requires both calcium and zinc. MMP-3, MMP-10 and MMP-11 (also designated stromelysin-1, -2 and -3 respectively) activate procollagenase. MMP-3 activation of procollagenase can occur via two pathways. Direct activation by MMP-3 is slow and activation by MMP-3 in conjunction with tissue or plasma proteinases is rapid. MMP-10 is expressed in small intestine, and at lower levels in lung and heart. MMP-11 is specifically expressed in stromal cells of breast carcinomas and contributes to epithelial cell malignancies.

Note: This product is for in vitro research use only