

## CLGN Conjugated Antibody

Catalog No: #C48452



Package Size: #C48452-AF350 100ul #C48452-AF405 100ul #C48452-AF488 100ul  
 #C48452-AF555 100ul #C48452-AF594 100ul #C48452-AF647 100ul  
 #C48452-AF680 100ul #C48452-AF750 100ul #C48452-Biotin 100ul

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## Description

Product Name	CLGN Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	27 kDa interstitial collagenase antibody CLG antibody CLGN antibody collagenase, fibroblast antibody collagenase, interstitial antibody Fibroblast collagenase antibody Interstitial collagenase antibody Matrix metalloproteinase 1 (interstitial collagenase) antibody Matrix metalloproteinase 1 antibody Matrix Metalloproteinase 1 antibody Matrix metalloproteinase-1 antibody MMP 1 antibody MMP-1 antibody MMP1 antibody MMP1_HUMAN antibody OTTHUMP00000045866 antibody
Accession No.	Swiss-Prot#:O14967
Uniprot	O14967
GeneID	1047;
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	70 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

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## Background

Functions during spermatogenesis as a chaperone for a range of client proteins that are important for sperm adhesion onto the egg zona pellucida and for subsequent penetration of the zona pellucida. Required for normal sperm migration from the uterus into the oviduct. Required for normal male fertility. Binds calcium ions.

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Note: This product is for in vitro research use only