

Collagen I Conjugated Antibody

Catalog No: #C56017



Package Size: #C56017-AF350 100ul #C56017-AF405 100ul #C56017-AF488 100ul
 #C56017-AF555 100ul #C56017-AF594 100ul #C56017-AF647 100ul
 #C56017-AF680 100ul #C56017-AF750 100ul #C56017-Biotin 100ul

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Description

Product Name	Collagen I Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Cow
Specificity	Collagen I Antibody detects endogenous levels of total Collagen I
Immunogen Description	A synthesized peptide derived from human Collagen I
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Collagen alpha-1(I) chain, Alpha-1 type I collagen, COL1A1;
Accession No.	Uniprot:P02452/P08123
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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	139kDa
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

Product Description

This gene encodes one of the chains for type I collagen, the fibrillar collagen found in most connective tissues. Mutations in this gene are associated with osteogenesis imperfecta, Ehlers-Danlos syndrome, idiopathic osteoporosis, and atypical Marfan syndrome.

Note: This product is for in vitro research use only