

# Collagen III Antibody FITC Conjugated

Catalog No: #C00511F

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## Description

Product Name	Collagen III Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 840-890 1466 derived from human Collagen alpha 1(III) chain
Conjugates	FITC
Target Name	Collagen III
Other Names	EDS4A; Collagen alpha-1(III) chain; COL3A1
Accession No.	Swiss-Prot#P02461NCBI Gene ID1281
Uniprot	P02461
GeneID	1281;
Excitation Emission	494nm 518nm
Cell Localization	Secreted
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## Background

Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of GPR56 in the developing brain and binding to GPR56 inhibits neuronal migration and activates the RhoA pathway by coupling GPR56 to GNA13 and possibly GNA12.

Note: This product is for in vitro research use only