

Datasheet for ABIN2173311

## anti-Collagen Type I antibody (AA 1051-1150) (Alexa Fluor 488)



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### 1 Publication

#### Overview

Quantity:	100 µL
Target:	Collagen Type I (COL1)
Binding Specificity:	AA 1051-1150
Reactivity:	Human, Rat, Mouse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Collagen Type I antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Flow Cytometry (FACS)

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Collagen I
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rabbit, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Chicken
Purification:	Purified by Protein A.

#### Target Details

Target:	Collagen Type I (COL1)
Alternative Name:	Collagen I ( <a href="#">COL1 Products</a> )

## Target Details

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Background:	Synonyms: OI1, OI2, OI3, OI4, EDSC, Collagen alpha-1(I) chain, Alpha-1 type I collagen, COL1A1I, CO1A1_HUMAN Background: Type I collagen is a member of group I collagen (fibrillar forming collagen).
Gene ID:	1277
UniProt:	<a href="#">P02452</a>

## Application Details

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Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

## Publications

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Product cited in:	Belair, Wolf, Wood, Ren, Grindstaff, Padgett, Swank, MacMillan, Fisher, Winnik, Abbott: "Engineering human cell spheroids to model embryonic tissue fusion in vitro." in: <b>PLoS ONE</b> , Vol. 12, Issue 9, pp. e0184155, (2017) ( <a href="#">PubMed</a> ).
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