



Datasheet for ABIN669996

## anti-Collagen Type V antibody (AA 1450-1500)



[Go to Product page](#)

### 3 Images

#### Overview

Quantity:	100 µL
Target:	Collagen Type V (COL5)
Binding Specificity:	AA 1450-1500
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Collagen Type V antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Collagen V
Isotype:	IgG
Specificity:	This antibody reacts with Collagen V but also exhibits slightly with Collagen IV
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

#### Target Details

Target:	Collagen Type V (COL5)
Alternative Name:	Collagen V ( <a href="#">COL5 Products</a> )

## Target Details

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Background: Synonyms: Collagen alpha-1(V) chain, COL5A1  
Background: Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin.

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Gene ID: 1289

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UniProt: [P20908](#)

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## Application Details

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Application Notes: IHC-P 1:100-500  
IF(IHC-P) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

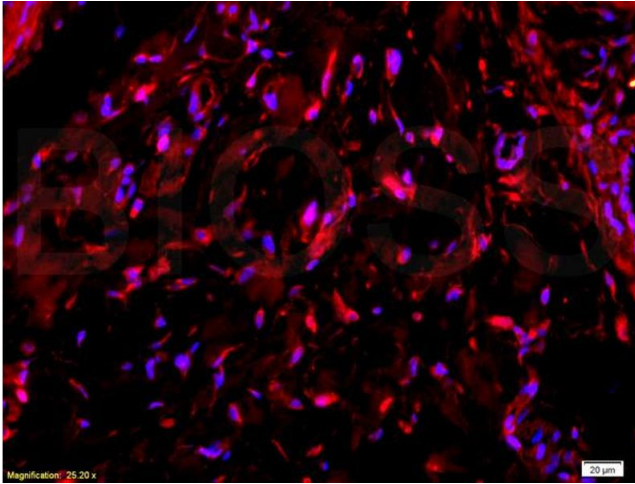
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Storage Comment: Store at -20°C for 12 months.

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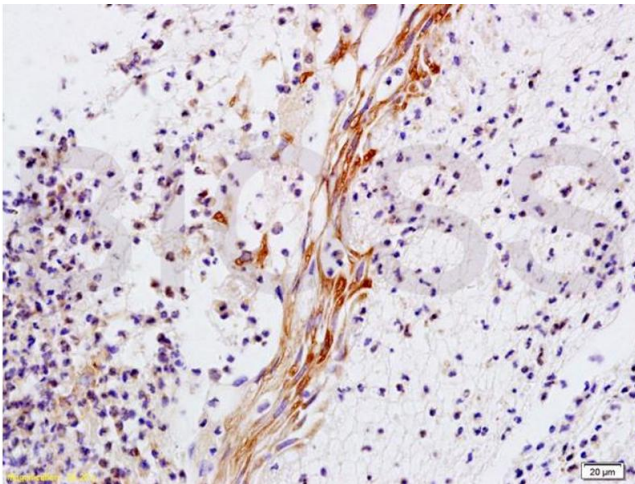
Expiry Date: 12 months

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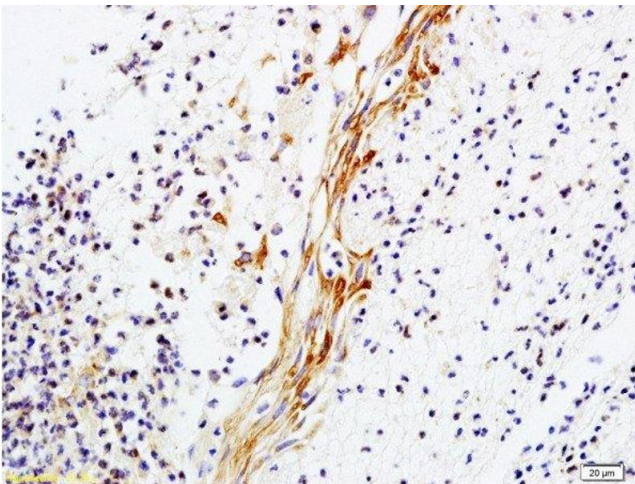
### Immunofluorescence

**Image 1.** Formalin-fixed and paraffin-embedded human colon carcinoma labeled with Anti-Collagen V Polyclonal Antibody, Unconjugated (ABIN669996) 1:200 followed by conjugation to the secondary PE antibody and DAB staining



### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin-embedded rat skin tissue labeled with Anti-Collagen V Polyclonal Antibody, Unconjugated (ABIN669996) 1:200 followed by conjugation to the secondary antibody and DAB staining



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded rat skin tissue labeled with Anti-Collagen V Polyclonal Antibody, Unconjugated 1:200 followed by conjugation to the secondary antibody and DAB staining