

## Anti-Type V Collagen Antibody

### Product Details

<b>Available Variants</b>	100 uL (SKU:CSI 006-01-010) 400 uL (SKU:CSI 006-01-04) 1000 uL (SKU:CSI 006-01-1)
<b>Conjugate</b>	Unconjugated
<b>Isotype</b>	IgG2a/k
<b>Clone</b>	1E2-E4/Col5
<b>Gene Name</b>	COL5A1
<b>Host Species</b>	Mouse
<b>Concentration</b>	1 mg/mL $\pm$ 15%
<b>Format</b>	Protein A or Protein G purified
<b>Physical State</b>	Liquid
<b>Buffer</b>	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
<b>Production Notes</b>	BSA free
<b>Applications</b>	ELISA, IHC, WB
<b>Species Reactivity</b>	Bovine, Canine, Human, Kangaroo
<b>Immunogen</b>	Acid-digested pepsin soluble dog type V collagen
<b>Specificity</b>	CSI 006-01 is highly specific for type V collagen. It has been shown to have no cross-reactivity with type I, III and VI collagens by ELISA and immunoblotting. There is no evidence for cross-reactivity with other connective tissue proteins (laminin, fibronectin, elastin).
<b>Molecular Weight</b>	184 kDa
<b>Storage</b>	2-8°C without exposure to light
<b>UniProt ID</b>	<a href="#">A0A8I3NPQ5</a>
<b>Country of Origin</b>	United States

<b>Shipping</b>	Shipped on ice packs
<b>Expiration</b>	24 months from date of receipt
<b>Usage Statement</b>	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
<b>Application Details</b>	CSI 006-01 can be used for detection of collagens by ELISA. CSI 006-01 binds poorly to Collagen V when tested in ELISA with Collagen V coated directly onto the microtiter well. In immunoblotting CSI 006-01 detects human type V collagen only in its native triple helix form. CSI 006-01 has been used successfully for immunohistology on paraffin embedded (1) and frozen unfixed sections of human (2), bovine (3) and dog (4) skin, on rabbit (1) and foetal bovine cornea (4), and of new dog tissue associated with a biomaterial implant (5). If fixation of tissue is required, acetone or ethanol is recommended.
<b>NCBI Gene ID</b>	1289

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Product Page URL: [www.antibodiesinc.com/products/anti-type-v-collagen-antibody-1e2-e4-col5-csi-006-01](http://www.antibodiesinc.com/products/anti-type-v-collagen-antibody-1e2-e4-col5-csi-006-01)



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