

Datasheet for ABIN2888314
anti-Collagen Type V antibody



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Overview

Quantity:	100 µL
Target:	Collagen Type V (COL5)
Reactivity:	Human, Dog, Sheep
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Collagen Type V antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Acid-digested pepsin soluble canine type V collagen.
	Type of Immunogen: Protein
Isotype:	IgG2a kappa
Specificity:	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 Western Blot. There is no evidence for cross-reactivity with other connective tissue proteins (laminin, fibronectin, elastin). Shows reactivity with human, canine, bovine, sheep, porcine and kangaroo type V collagens by ELISA and Western Blot. Does not show reactivity with mouse, rat, guinea pig and chicken type V collagens by ELISA and Western Blot. Can be used for detection of collagens by ELISA. Has been used successfully for immunohistology on frozen unfixed sections of human, bovine and dog skin, of fetal bovine cornea, and of new dog tissue associated with a biomaterial implant. If fixation of tissue is required, acetone or ethanol is recommended. Binds poorly to Collagen V when tested in ELISA

Product Details

with Collagen V coated directly onto the microtiter well.

Purification: Protein A/G purified

Target Details

Target: Collagen Type V (COL5)

Alternative Name: Collagen Type V ([COL5 Products](#))

Application Details

Application Notes: Approved: ELISA (1:50), IHC, WB

Usage: Suitable for use in ELISA, Western Blot, Immunohistochemistry. ELISA: 1:50.

Comment: Target Species of Antibody: Dog

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 15 mM sodium azide

Preservative: Sodium azide

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

Handling Advice: avoid freeze thaw cycles. Store undiluted.

Storage: 4 °C, -20 °C

Storage Comment: Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles. Store undiluted.