

Datasheet for ABIN284006

anti-COL2 antibody[Go to Product page](#)**1** Publication

Overview

Quantity:	100 µg
Target:	COL2
Reactivity:	Human, Mouse, Rat, Chicken, Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COL2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Collagen type II antibody was raised in mouse using purified preparation of lathritic type II collagen from embryonic chicken sternum as the immunogen.
Clone:	2B1-5
Isotype:	IgG2a kappa
Purification:	purified

Target Details

Target:	COL2
Alternative Name:	Collagen Type II (COL2 Products)

Application Details

Application Notes: IHC-F: 1-2 µg/mL, IHC-P: 1-2 µg/mL, WB: 1-2 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: Antibody purified from Ascites fluid by Protein G Chromotography and supplied in 10 mM PBS, pH 7.4, with 0.2 % BSA and 0.09 % NaN₃.

Preservative: Sodium azide

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

Storage: 4 °C

Publications

Product cited in: Maruyama, Miyamoto, Yamamoto, Yamada, Yoshimura, Suzawa, Takami, Akiyama, Hoshino, Iwasa, Ikumi, Tachikawa, Mishima, Baba, Kamijo: "Downregulation of carbonic anhydrase IX promotes Col10a1 expression in chondrocytes." in: **PLoS ONE**, Vol. 8, Issue 2, pp. e56984, (2013) ([PubMed](#)).