

Datasheet for ABIN7637210 **anti-COL7A1 antibody**

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Overview

Quantity:	100 µL
Target:	COL7A1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COL7A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Collagen Type VII (COL7)
Immunogen:	RPC147Hu01Recombinant Collagen Type VII (COL7)
Clone:	D5
Specificity:	The antibody is a mouse monoclonal antibody raised against COL7. It has been selected for its ability to recognize COL7 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	COL7A1
Alternative Name:	COL7 (COL7A1 Products)

Target Details

Background: COL7-A1, COL7A1, EBD1, EBDCT, EBR1, Long-chain collagen, Epidermolysis Bullosa, Dystrophic, Dominant And Recessive, Collagen Alpha-1(VII)chain

UniProt: [Q02388](#)

Application Details

Application Notes: Western blotting: 0.01-3 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

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, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.