

Datasheet for ABIN7631015 **anti-COL7A1 antibody (Biotin)**

[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	COL7A1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COL7A1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Biotin-Linked Monoclonal Antibody to Collagen Type VII (COL7)
Immunogen:	MAC147Hu21 Monoclonal Antibody to Collagen Type VII (COL7)
Isotype:	IgG
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:	Collagen Type VII (COL7A1 Products)
Background:	COL7-A1, COL7A1, EBD1, EBDCT, EBR1, Long-chain collagen, Epidermolysis

Target Details

Bullosa,Dystrophic,Dominant And Recessive, Collagen Alpha-1(VII)chain

UniProt: [Q02388](#)

Application Details

Application Notes: Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 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: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.