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Datasheet for ABIN7428440
anti-COL7 antibody (AA 190-472)

2 Images

Overview

Quantity:	100 µL
Target:	COL7
Binding Specificity:	AA 190-472
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COL7 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:	Recombinant Collagen Type VII (COL7) corresponding to Pro190~Asp472 with N-terminal His Tag
Clone:	C7
Isotype:	IgG1 kappa
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.
Cross-Reactivity:	Mouse
Purification:	Protein A + Protein G affinity chromatography

Target Details

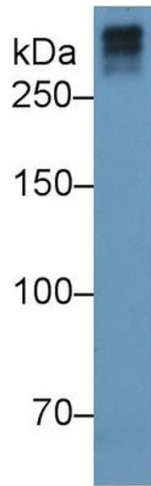
Target:	COL7
Alternative Name:	Collagen Type VII (COL7 Products)
Background:	COL7-A1, COL7A1, EBD1, EBDCT, EBR1, Long-chain collagen, Epidermolysis Bullosa,Dystrophic,Dominant And Recessive, Collagen Alpha-1(VII)chain

Application Details

Application Notes:	Western blotting: 0.5-3 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

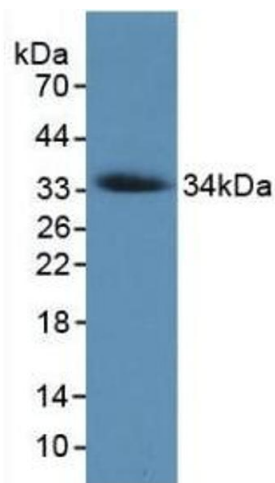
Handling

Format:	Liquid
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.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of COL7 in Human Serum using Monoclonal Antibody to Collagen Type VII (COL7)



Western Blotting

Image 2. Detection of Recombinant COL7, Human using Monoclonal Antibody to Collagen Type VII (COL7)