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Datasheet for ABIN7425929
anti-KRT9 antibody (AA 315-456)

2 Images

Overview

Quantity:	100 µL
Target:	KRT9
Binding Specificity:	AA 315-456
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Cytokeratin 9 (CK9)
Immunogen:	Recombinant Cytokeratin 9 (CK9) corresponding to Pro315~Asn456 with N-terminal His Tag
Clone:	C7
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against CK9. It has been selected for its ability to recognize CK9 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

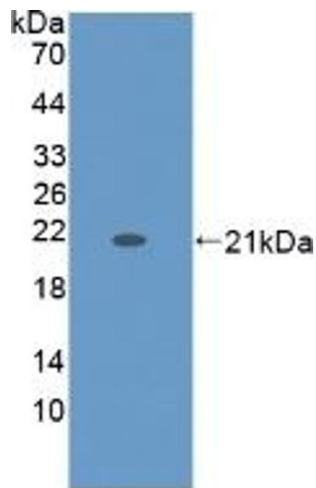
Target:	KRT9
Alternative Name:	Cytokeratin 9 (KRT9 Products)
Background:	KRT9, EPPK, K9, Keratin 9, Type I Cytoskeletal 9, Epidermolytic Palmoplantar Keratoderma

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:360-1460 Immunohistochemistry: 5-20 µg/mL 1:36-146 Immunocytochemistry: 5-20 µg/mL 1:36-146 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

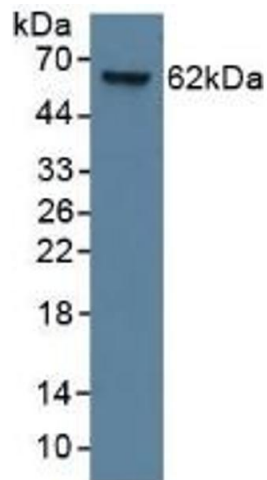
Handling

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 Recombinant KRT9, Human using Monoclonal Antibody to Cytokeratin 9 (CK9)



Western Blotting

Image 2. Detection of CK9 in Human Lung Tissue using Monoclonal Antibody to Cytokeratin 9 (CK9)