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Datasheet for ABIN7426868

anti-Cytokeratin 18 antibody (AA 238-396)

8 Images

Overview

Quantity:	100 µL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 238-396
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Cytokeratin 18 (CK18)
Immunogen:	Recombinant Cytokeratin 18 (CK18) corresponding to Asp238~Leu396 with N-terminal His Tag
Clone:	C2
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CK18. It has been selected for its ability to recognize CK18 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Protein A + Protein G affinity chromatography

Target Details

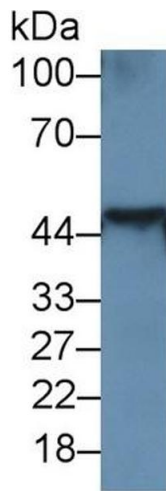
Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Cytokeratin 18 (KRT18 Products)
Background:	KRT18, CYK18, K18, Keratin 18, Cell proliferation-inducing gene 46 protein, Keratin, type I cytoskeletal 18
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

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

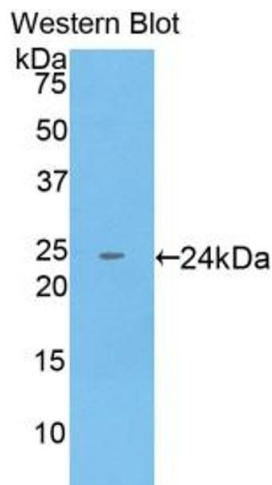
Handling

Format:	Liquid
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



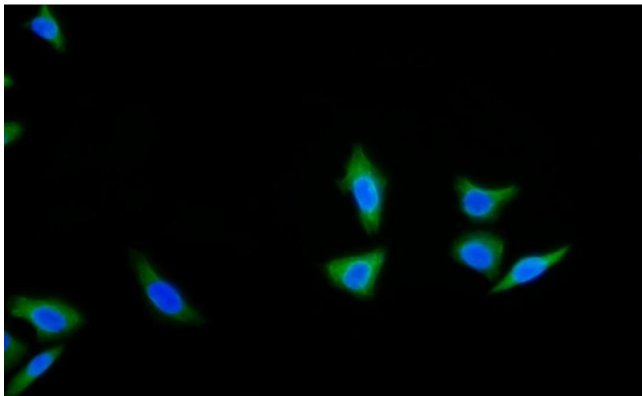
Western Blotting

Image 1. Detection of CK18 in Rat Liver lysate using Monoclonal Antibody to Cytokeratin 18 (CK18)



Western Blotting

Image 2. Detection of Recombinant KRT18, Human using Monoclonal Antibody to Cytokeratin 18 (CK18)



Immunofluorescence

Image 3. Detection of CK18 in Human HepG2 cell using Monoclonal Antibody to Cytokeratin 18 (CK18)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7426868.