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Datasheet for ABIN7205740 anti-KRT8 antibody

4 Images



Overview

Quantity:	100 µL
Target:	KRT8
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	CK8 Monoclonal Antibody
Immunogen:	Synthetic Peptide
lsotype:	lgG1
Specificity:	The antibody detects endogenous CK8 proteins.
Purification:	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen

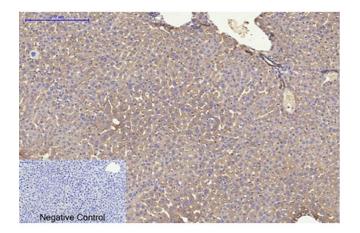
Target Details

Target:	KRT8
Alternative Name:	CK8 (KRT8 Products)

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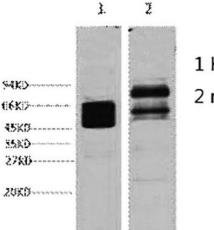
Target Details	
Background:	Mouse Anti-CK8 Monoclonal Antibody,KRT8, CYK8, Keratin, type II cytoskeletal 8, Cytokeratin-8, CK-8, Keratin-8, K8, Type-II keratin Kb8,KRT8 is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of KRT8 typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. Keratin 8 plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in KRT8 cause cryptogenic cirrhosis. Alternative ly spliced transcript variants have been found for KRT8.,Keratin type II cytoskeletal 8
Gene ID:	3856
UniProt:	P05787
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:2000-1:5000), IF (1:50-1:200), IHC-P (1:200).
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium Azide as preservative and 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:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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Immunohistochemistry

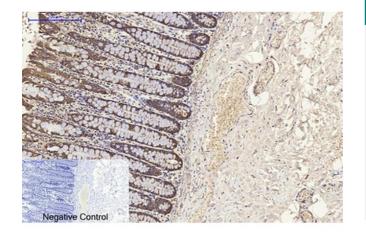
Image 1. Immunohistochemical analysis of paraffinembedded mouse liver tissue. 1, CK8 Monoclonal Antibody was diluted at 1:200 (4 °C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 °C, 20 min). 3, secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.



1 Hela 2 mouse-brain

Western Blotting

Image 2. Western blot analysis of 1) Hela, 2) mouse brain, diluted at 1:4000.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffinembedded human colon tissue. 1, CK8 Monoclonal Antibody was diluted at 1:200 (4 °C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 °C, 20 min). 3, secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.

Please check the product details page for more images. Overall 4 images are available for ABIN7205740.

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