

Datasheet for ABIN7205710

anti-KRT17 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	KRT17
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Purpose:	CK17 Monoclonal Antibody
Immunogen:	Synthetic Peptide
Isotype:	IgG1
Specificity:	The antibody detects CK17 endogenous proteins.
Purification:	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen

Target Details

Target:	KRT17
Alternative Name:	CK17 (KRT17 Products)

Target Details

Background: Mouse Anti-CK17 Monoclonal Antibody, KRT17, Keratin, type I cytoskeletal 17, 39.1, Cytokeratin-17, CK-17, Keratin-17, K17, KRT17 encodes the type I intermediate filament chain keratin 17, expressed in nail bed, hair follicle, sebaceous glands, and other epidermal appendages. Mutations in KRT17 lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex., Keratin type I cytoskeletal 17

Gene ID: 3872

UniProt: [Q04695](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000), IF (1:100-1:200), IHC-P (1:50-1:300), IP (1:200).

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

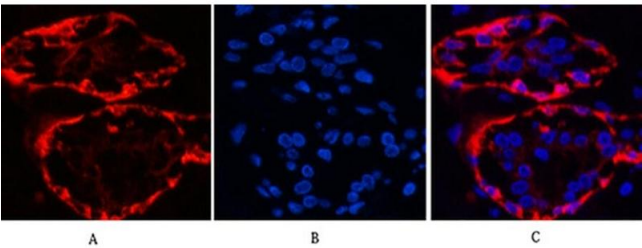
Buffer: PBS, pH 7.4, containing 0.02 % Sodium Azide as preservative and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

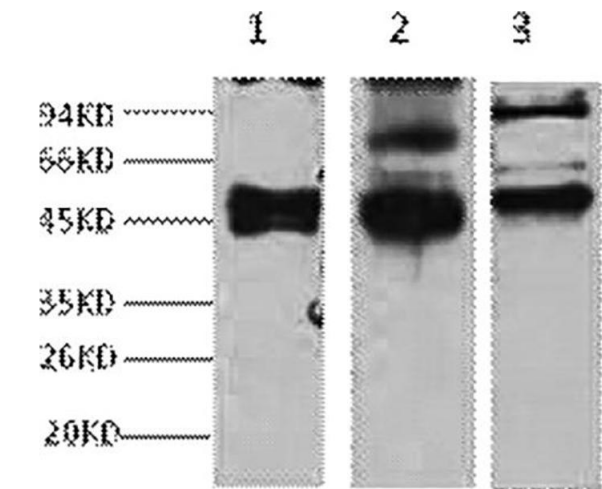
Storage: -20 °C

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.



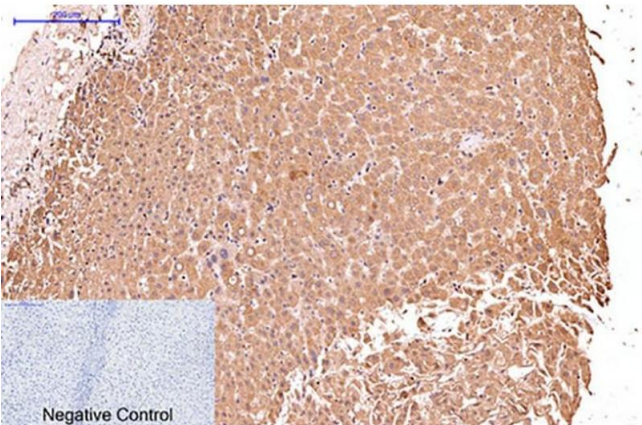
Immunofluorescence

Image 1. Immunofluorescence analysis of human breast tissue. 1, CK17 Monoclonal Antibody (red) was diluted at 1:200 (4 °C, overnight). 2, Cy3 Labeled secondary antibody was diluted at 1:300 (room temperature, 50 min). 3, Picture B: DAPI (blue) 10 min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.



Western Blotting

Image 2. Western blot analysis of 1) HeLa, 2) MCF7, 3) 293T, diluted at 1:2000.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded human liver tissue. 1, CK17 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.