

Datasheet for ABIN5557436  
**anti-Cytokeratin 1 antibody**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	Cytokeratin 1 (KRT1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant human Cytokeratin 1 protein, around C-terminal 100aa.
Clone:	1C2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	Cytokeratin 1 (KRT1)
Alternative Name:	Cytokeratin 1 ( <a href="#">KRT1 Products</a> )
Background:	Synonyms: K1, CK1, EHK, EHK1, EPPK, KRT1A, NEPPK, Keratin, type II cytoskeletal 1, 67 kDa cytokeratin, Cytokeratin-1, CK-1, Hair alpha protein, Keratin-1, Type-II keratin Kb1, KRT1, KRTA

## Target Details

Background: May regulate the activity of kinases such as PKC and SRC via binding to integrin beta-1 (ITB1) and the receptor of activated protein kinase C (RACK1/GNB2L1). In complex with C1QBP is a high affinity receptor for kininogen-1/HMWK.

Gene ID: 3848

UniProt: [P04264](#)

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

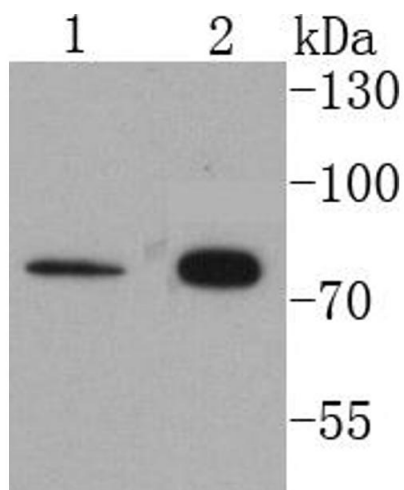
Preservative: ProClin

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

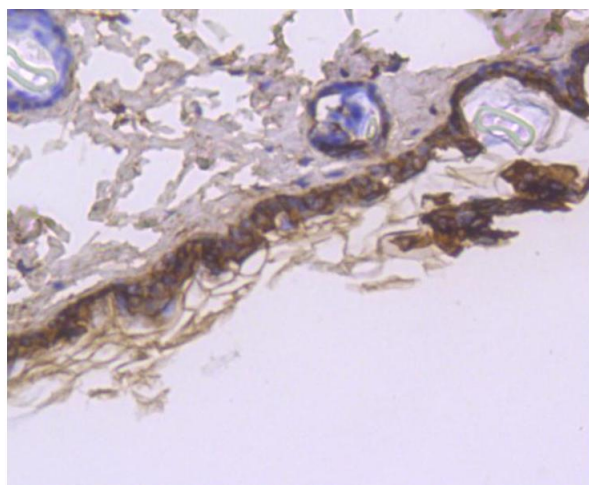
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



#### Western Blotting

**Image 1.** Lane 1: 293T Cell lysates, Lane 2: HeLa cell lysates, probed with Cytokeratin 1 (1C2) Monoclonal Antibody at 1:1000 overnight at 4°C. Followed by a conjugated secondary antibody.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Paraformaldehyde-fixed, paraffin embedded rat spinal cord, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer at 37°C for 20min, Antibody incubation with Cytokeratin 1 (1C2) Monoclonal Antibody at 1:50 overnight at 4°C, followed by a conjugated secondary and DAB staining.