

Datasheet for ABIN7268093

anti-KRT15 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	KRT15
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This KRT15 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Cytokeratin 15 (KRT15) Rabbit mAb
Immunogen:	A synthesized peptide derived from human Cytokeratin 15 (KRT15) (KRT15)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	KRT15
Alternative Name:	KRT15 (KRT15 Products)
Background:	The protein encoded by this gene is a member of the keratin gene family. The keratins are

Target Details

intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on chromosome 17q21.2. [provided by RefSeq, Jul 2008],CK15, K15, K1CO,Cell Biology & Developmental Biology,Cytoskeleton,Cytoskeleton_Intermediate Filaments,Extracellular Matrix,Extracellular Matrix_Cytokeratin,Extracellular Matrix_Keratin,Signal Transduction,Stem Cells,KRT15

Molecular Weight: 45kDa

Gene ID: 3866

UniProt: [P19012](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

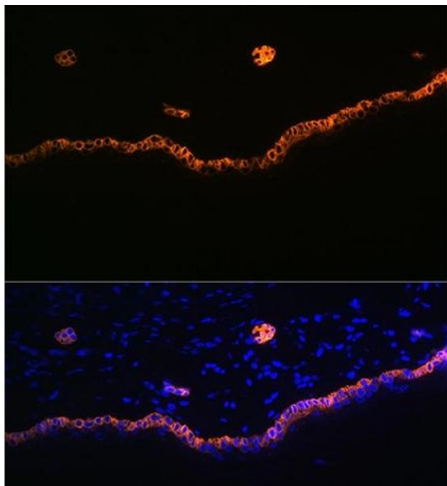
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

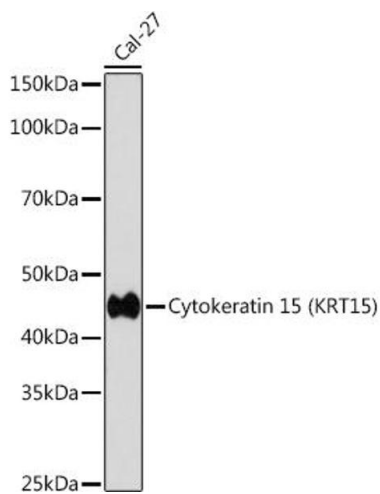
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of rat skin using Cytokeratin 15 (KRT15) (KRT15) Rabbit mAb (ABIN7268093) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of Cal-27 cells, using Cytokeratin 15 (KRT15) (KRT15) antibody (ABIN7268093) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.