

Datasheet for ABIN5557299
anti-Keratin 2 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	Keratin 2 (KRT2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Keratin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant human Cytokeratin 2e protein, around 350-500aa.
Clone:	2F7
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Keratin 2 (KRT2)
Alternative Name:	Cytokeratin 2e (KRT2 Products)
Background:	Synonyms: K2e, KRTE, CK-2e, KRT2A, KRT2E, Keratin, type II cytoskeletal 2 epidermal, Cytokeratin-2e, Epithelial keratin-2e, Keratin-2 epidermis, Keratin-2e, Type-II keratin Kb2, KRT2

Target Details

Background: Probably contributes to terminal cornification. Associated with keratinocyte activation, proliferation and keratinization.

Gene ID: 3849

UniProt: [P35908](#)

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.

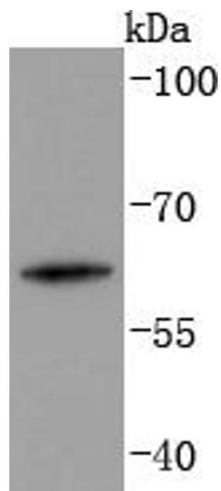
Preservative: ProClin

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

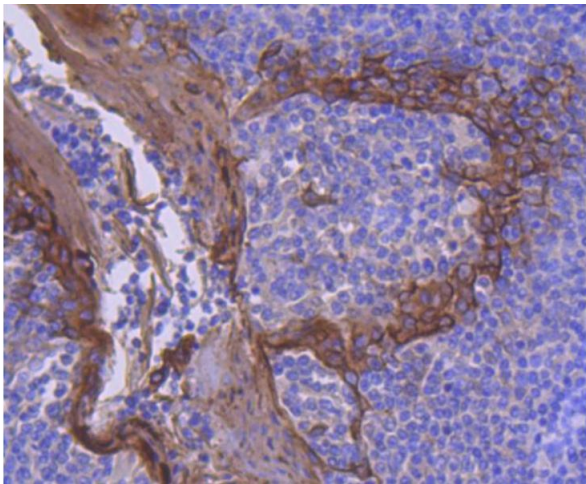
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Western Blotting

Image 1. Human skin lysates probed with Cytokeratin 2e (2F7) 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 human tonsil tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal serum) at 37°C for 20min, Antibody incubation with Cytokeratin 2e (2F7) Monoclonal Antibody at 1:50 overnight at 4°C, followed by a conjugated secondary and DAB staining.