



Product datasheet

Anti-Cytokeratin 2e antibody ab231608

6 Images

Overview

Product name	Anti-Cytokeratin 2e antibody
Description	Rabbit polyclonal to Cytokeratin 2e
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Rat, Human
Immunogen	Recombinant fragment corresponding to Rat Cytokeratin 2e aa 500 to the C-terminus. N-terminal His-tag and S-tag. Expressed in E.coli. Database link: Q6IG02
	 Run BLAST with  Run BLAST with
Positive control	IHC-P: Rat skin tissue. WB: Rat liver and skin lysates; Rat serum; A431 cell lysate; Recombinant rat Cytokeratin 2e protein.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	ab231608 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231608 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 69 kDa.

Target

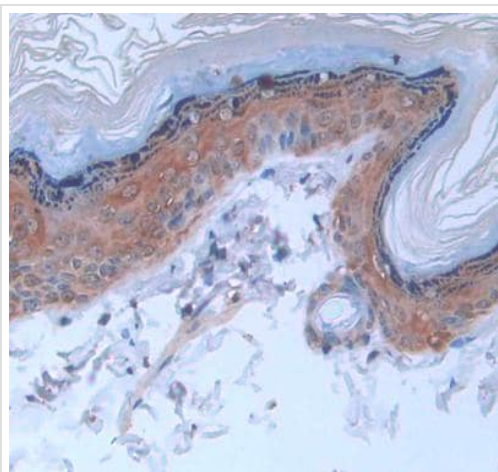
Relevance

Keratins are the major gene product of keratinocytes and form the intermediate filament cytoskeletal network in these cells. In cells of the upper spinous layer, KRT2E and KRT9 are expressed. Although the expression of KRT9 is limited to palmoplantar epidermis, KRT2E is expressed not only in this tissue but also in other regions, notably the epidermis covering the knee, thigh, and groin. It is not known whether these keratins simply replace their respective type I or type II counterpart in the preexisting KRT1/KRT10 network or dimerize with another, as yet undiscovered keratin partner

Cellular localization

Cytoplasmic

Images



Formalin-fixed, paraffin-embedded rat skin tissue stained for Cytokeratin 2e using ab231608 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 2e antibody (ab231608)



Anti-Cytokeratin 2e antibody (ab231608) at 2 µg/ml + Rat liver lysate

Predicted band size: 69 kDa

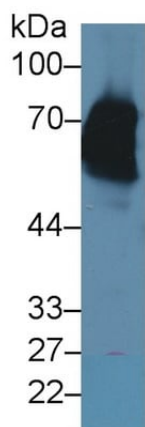
Western blot - Anti-Cytokeratin 2e antibody
(ab231608)



Anti-Cytokeratin 2e antibody (ab231608) at 2 µg/ml + Rat serum

Predicted band size: 69 kDa

Western blot - Anti-Cytokeratin 2e antibody
(ab231608)



Western blot - Anti-Cytokeratin 2e antibody
(ab231608)

Anti-Cytokeratin 2e antibody (ab231608) at 2 µg/ml + Rat skin
lysate

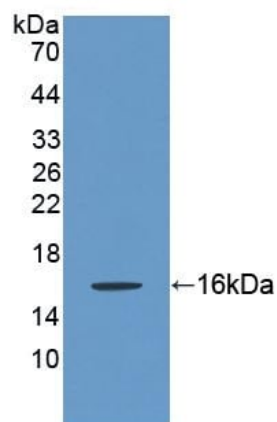
Predicted band size: 69 kDa



Western blot - Anti-Cytokeratin 2e antibody
(ab231608)

Anti-Cytokeratin 2e antibody (ab231608) at 2 µg/ml + A431 (human
epidermoid carcinoma cell line) cell lysate

Predicted band size: 69 kDa



Western blot - Anti-Cytokeratin 2e antibody
(ab231608)

Anti-Cytokeratin 2e antibody (ab231608) at 2 µg/ml + Recombinant
rat Cytokeratin 2e protein

Predicted band size: 69 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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