

Datasheet for ABIN969578
anti-Cytokeratin 13 antibody (AA 143-295)[Go to Product page](#)

4 Images

1 Publication

Overview

Quantity:	0.1 mg
Target:	Cytokeratin 13 (KRT13)
Binding Specificity:	AA 143-295
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human KRT13 (AA: 143-295) expressed in E. coli.
Clone:	3G4
Isotype:	IgG1
Purification:	purified

Target Details

Target:	Cytokeratin 13 (KRT13)
Alternative Name:	KRT13 (KRT13 Products)
Background:	Description: The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial

Target Details

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. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants, however, not all variants have been described.

Aliases: K13, CK13

Molecular Weight:	52 kDa
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Gene ID:	3860
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HGNC:	3860
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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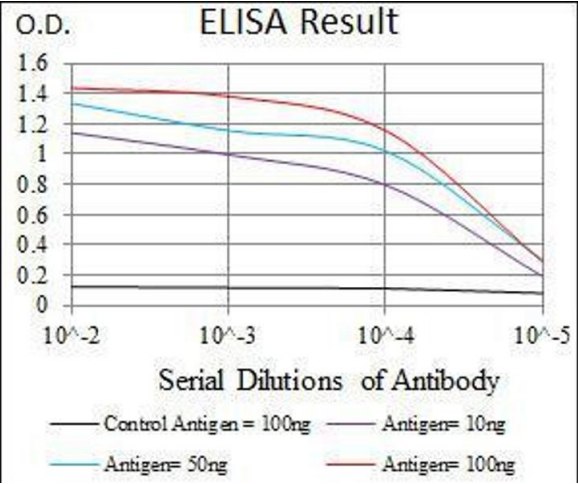
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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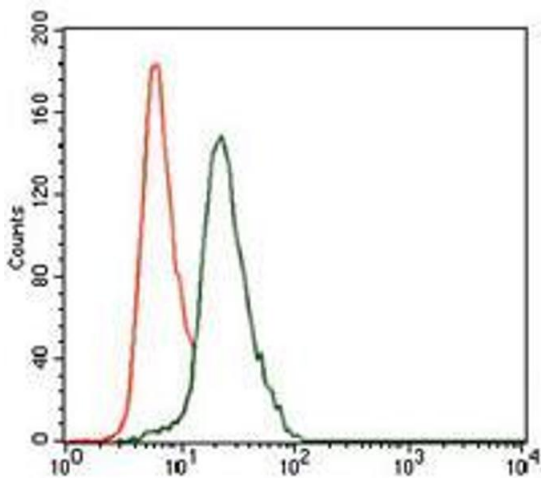
Publications

Product cited in:	Jacques, Pereira, Maia, Cuzzi, Ramos-e-Silva: "Expression of cytokeratins 10, 13, 14 and 19 in oral lichen planus." in: Journal of oral science , Vol. 51, Issue 3, pp. 355-65, (2009) (PubMed).
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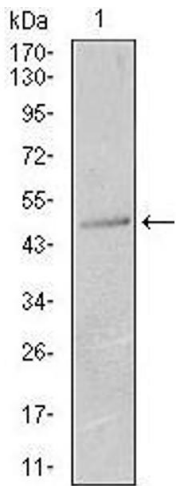
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Flow Cytometry

Image 2. Flow cytometric analysis of HeLa cells using KRT13 mouse mAb (green) and negative control (red).



Western Blotting

Image 3. Western blot analysis using KRT13 mouse mAb against T47D (1) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN969578.