

Anti-KRT13 antibody

Cat. No.	ml220037
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-KRT13 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human KRT13
Reactivity	Human, Mouse, Rat
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	KRT13
Full name	keratin 13

Synonyms K13; CK13

Swissprot P13646

Target Background

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 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.

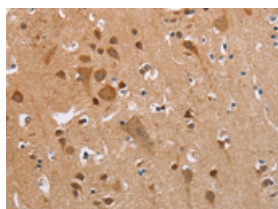
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200

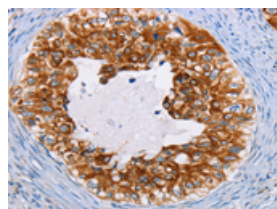


The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml220037(KRT13 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml220037(KRT13 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 50 kDa

Positive control: Human esophagus cancer tissue

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

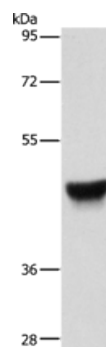
Lysate: 40 μ g

Lane: Human esophagus cancer tissue

Primary antibody: ml220037(KRT13 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



ELISA

Recommended dilution: 2000-5000

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