

Anti-KRT81 antibody

Cat. No.	ml220240
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-KRT81 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human KRT81
Reactivity	Human, Mouse
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	KRT81
Full name	keratin 81

Synonyms HB1; Hb-1; KRTHB1; MLN137; ghHkb1; hHAKB2-1

Swissprot Q14533

Target Background

The protein encoded by this gene is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All hair keratins are expressed in the hair follicle; this hair keratin, as well as KRTHB3 and KRTHB6, is found primarily in the hair cortex. Mutations in this gene and KRTHB6 have been observed in patients with a rare dominant hair disease, monilethrix.

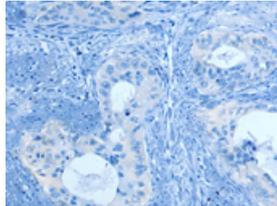
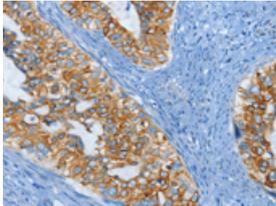
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 15-50

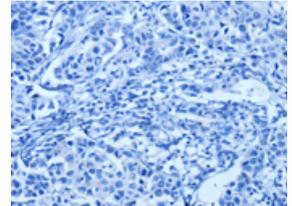
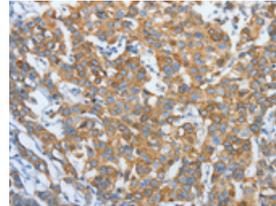


The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml220240(KRT81 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml220240(KRT81 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 55 kDa

Positive control: HeLa cells

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 10%SDS-PAGE

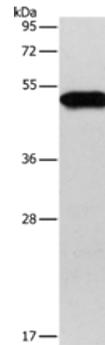
Lysate: 40 μ g

Lane: Hela cells

Primary antibody: ml220240(KRT81 Antibody) at dilution 1/200

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

Exposure time: 30 seconds



ELISA

Recommended dilution: 1000-2000

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