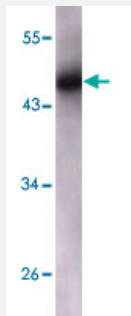


KRT5 monoclonal antibody, clone 7H8C4

Catalog # MAB10727

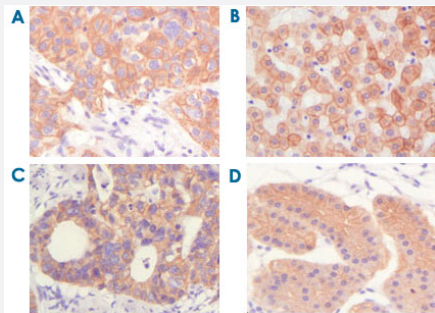
Size 100 uL

Applications



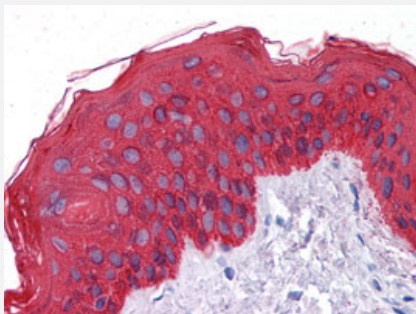
Western Blot (Recombinant protein)

Western blot analysis using KRT5 monoclonal antibody, clone 7H8C4 (Cat # MAB10727) against truncated KRT5 recombinant protein.



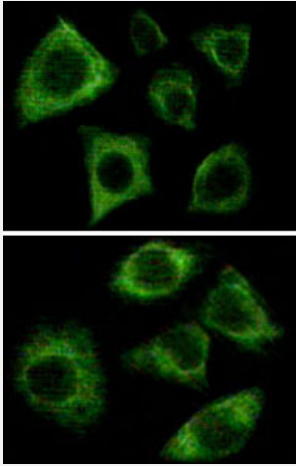
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung squamous cell carcinoma (A), normal hepatocyte (B), colon adenocarcinoma?, normal stomach tissue (D), showing cytoplasmic and membrane localization using KRT5 monoclonal antibody, clone 7H8C4 (Cat # MAB10727) with DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human skin tissues using KRT5 monoclonal antibody, clone 7H8C4 (Cat # MAB10727).



Immunofluorescence

Immunofluorescence staining of methanol-fixed Eca-109 (upper) and HepG2 (bottom) cells showing cytoplasmic localization.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant KRT5.
Immunogen	Recombinant protein corresponding to human KRT5.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Immunofluorescence (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western blot analysis using KRT5 monoclonal antibody, clone 7H8C4 (Cat # MAB10727) against truncated KRT5 recombinant protein.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

Immunofluorescence staining of methanol-fixed Eca-109 (upper) and HepG2 (bottom) cells showing cytoplasmic localization.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — KRT5

Entrez GeneID [3852](#)

Gene Name KRT5

Gene Alias CK5, DDD, EBS2, K5, KRT5A

Gene Description keratin 5

Omim ID [131800](#) [131960](#) [148040](#) [179850](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq]

Other Designations 58 kda cytokeratin|epidermolysis bullosa simplex 2 Dowling-Meara/Kobner/Weber-Cockayne types|keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types)|keratin, type II cytoskeletal 5

Disease

- [Brain Ischemia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Melanoma](#)
- [Myocardial Infarction](#)
- [Skin Neoplasms](#)
- [Stroke](#)