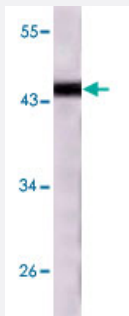


KRT5 monoclonal antibody, clone 3E2F1

Catalog # MAB10726

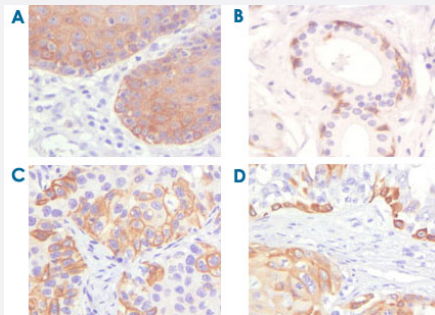
Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis using KRT5 monoclonal antibody, clone 3E2F1 (Cat # MAB10726) against truncated KRT5 recombinant protein



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

Immunohistochemical analysis of paraffin-embedded human esophagus epithelium (A) , salivary gland basal cell (B) , lung squamous cell carcinoma (C) , endometrium admosquamous carcinoma (D) , showing cytoplasmic and membrane localization using KRT5 monoclonal antibody, clone 3E2F1 (Cat # MAB10726) with DAB staining.



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

Immunohistochemical analysis of paraffin-embedded human skin tissues using KRT5 monoclonal antibody, clone 3E2F1 (Cat # MAB10726) .

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) 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

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- 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](#)