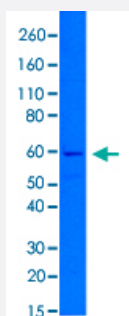


RecomAb™

KRT5 monoclonal antibody, clone RM226

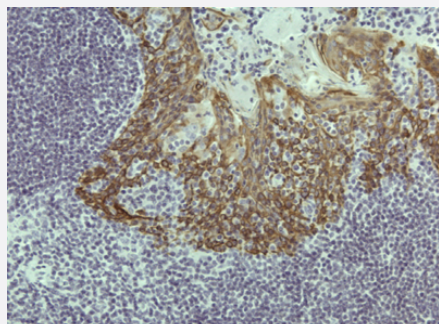
Catalog # MAB15120 Size 100 uL

Applications



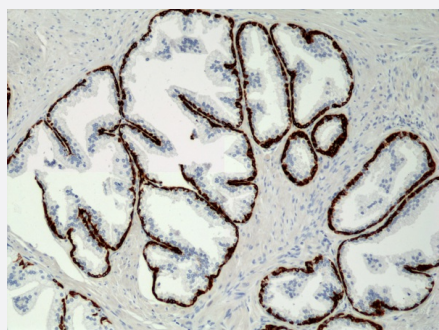
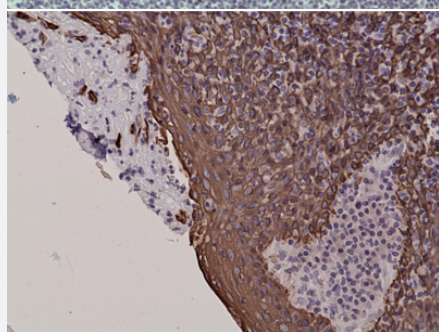
Western Blot (Cell lysate)

Western blot analysis of A431 cell lysates with KRT5 monoclonal antibody, clone RM226 (Cat # MAB15120).



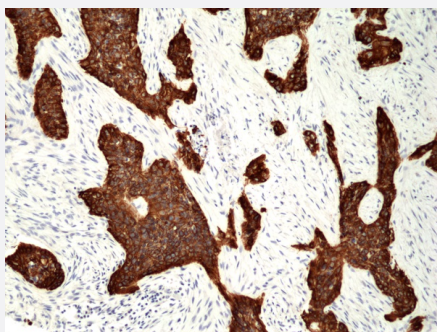
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with KRT5 monoclonal antibody, clone RM226 (Cat # MAB15120).



Immunohistochemistry

Immunohistochemical staining of formalin fixed and paraffin embedded human Prostate tissue section using KRT5 monoclonal antibody, clone RM226 (Cat# MAB15120) at a 1:200 dilution.



Immunohistochemistry

Immunohistochemical staining of formalin fixed and paraffin embedded human Lung Squamous Cell Carcinoma tissue section using KRT5 monoclonal antibody, clone RM226 (Cat# MAB15120) at a 1:200 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against of human KRT5.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to C-terminus of human KRT5.
Sequence	N/A
Reactivity	Human
Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:400) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	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 (Cell lysate)

Western blot analysis of A431 cell lysates with KRT5 monoclonal antibody, clone RM226 (Cat # MAB15120).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with KRT5 monoclonal antibody, clone RM226 (Cat # MAB15120).

- Immunohistochemistry

Immunohistochemical staining of formalin fixed and paraffin embedded human Prostate tissue section using KRT5 monoclonal antibody, clone RM226 (Cat# MAB15120) at a 1:200 dilution.

- Immunohistochemistry

Immunohistochemical staining of formalin fixed and paraffin embedded human Lung Squamous Cell Carcinoma tissue section using KRT5 monoclonal antibody, clone RM226 (Cat# MAB15120) at a 1:200 dilution.

Gene Info — KRT5

Entrez GeneID [3852](#)

Protein Accession# [P13647](#)

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](#)