

Product Name: KRT14 Mouse Monoclonal Antibody**Catalog #: AMM82921**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC, ICC, ELISA, FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000, ICC 1:200-1:1000, ELISA 1:5000-1:20000, FC 1:200-1:400
Molecular Weight	51.5kDa

Antigen Information

Gene Name	KRT14
Alternative Names	K14; NFJ; CK14; EBS1; EBS3; EBS4; EBS1A; EBS1B; EBS1C; EBS1D
Gene ID	3861.0
SwissProt ID	P02533
Immunogen	Purified recombinant fragment of human KRT14 (AA: 115-472) expressed in E. Coli.

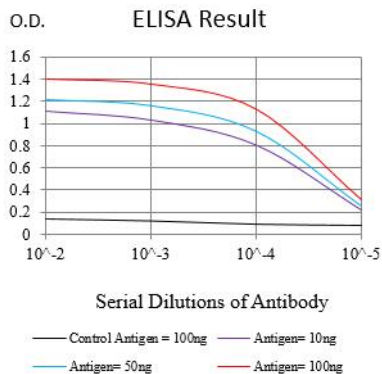
Background

This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At

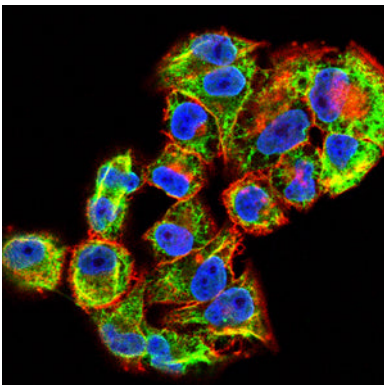
least one pseudogene has been identified at 17p12-p11.

Research Area

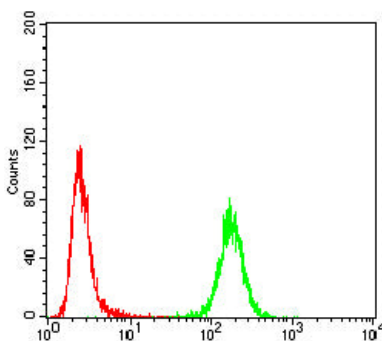
Image Data



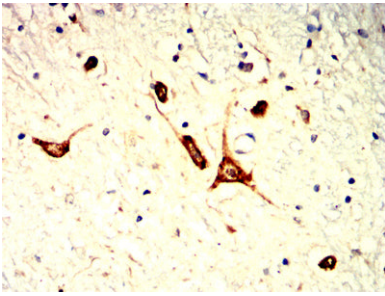
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



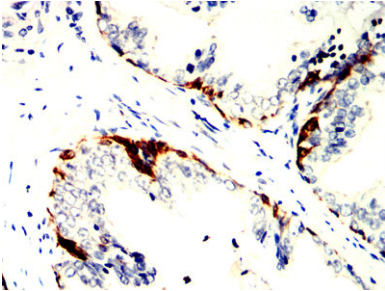
Immunofluorescence analysis of HeLa cells using KRT14 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of HeLa cells using KRT14 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human brain tissues using KRT14 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using KRT14 mouse mAb with DAB staining.