Product Name: KRT10 Mouse Monoclonal Antibody
Catalog #: AMM81788
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human,Mouse,Monkey,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
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	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	58.8kDa

Antigen Information

Gene Name	KRT10
Alternative Names	BIE; EHK; K10; KPP; BCIE; CK10
Gene ID	3858.0
SwissProt ID	P13645
Immunogen	Purified recombinant fragment of human KRT10 (AA: 345-454) expressed in E. Coli.

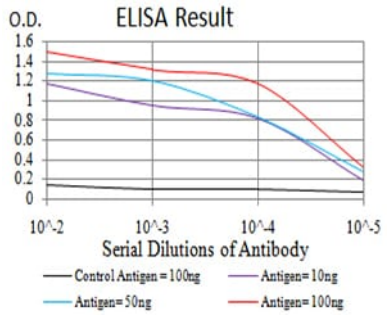
Background

This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with

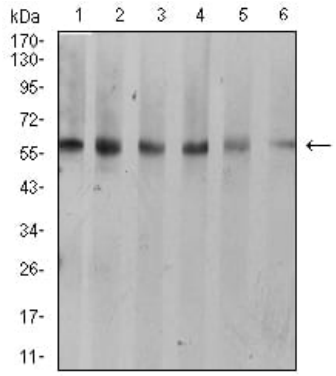
epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21.

Research Area

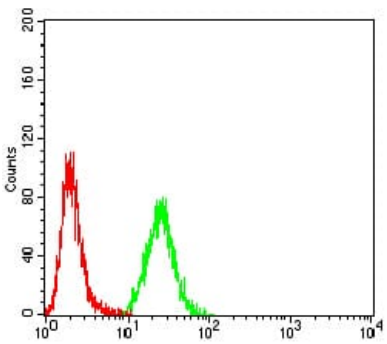
Image Data



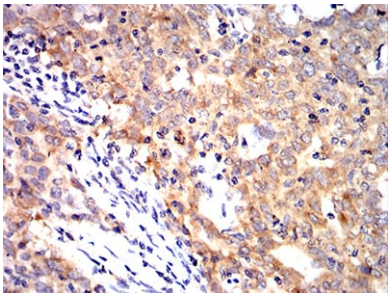
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



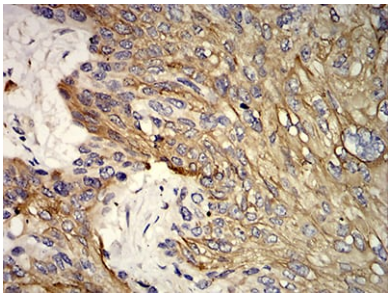
Western blot analysis using KRT10 mouse mAb against A431 (1), C6 (2), COS7 (3), Jurkat (4), NIH/3T3 (5), and HEK293 (6) cell lysate.



Flow cytometric analysis of Hela cells using KRT10 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using KRT10 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using KRT10 mouse mAb with DAB staining.