Product Name: KRT15 Mouse Monoclonal Antibody
Catalog #: AMM82623
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human
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	49.2Kda

Antigen Information

Gene Name	KRT15
Alternative Names	K15; CK15; K1CO
Gene ID	3866.0
SwissProt ID	P19012
Immunogen	Purified recombinant fragment of human KRT15 (AA: 105-456) expressed in E. Coli.

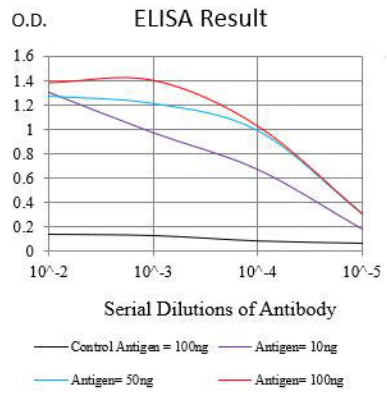
Background

The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on

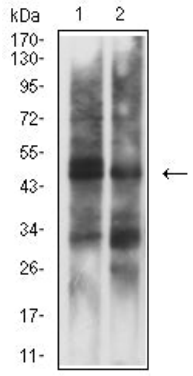
chromosome 17q21.2.

Research Area

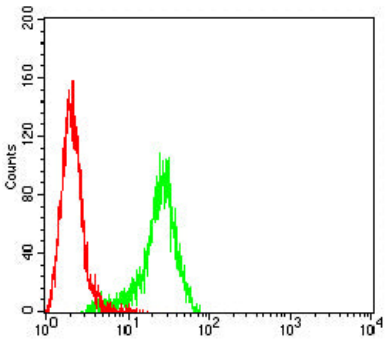
Image Data



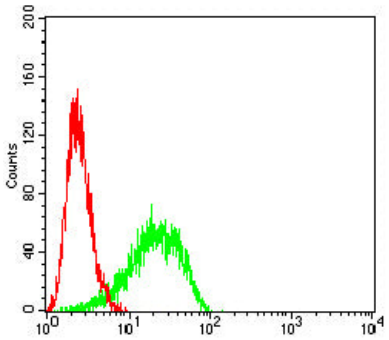
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



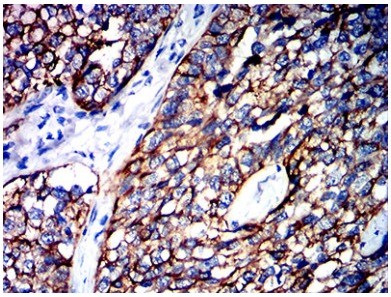
Western blot analysis using KRT15 mouse mAb against A431 (1) and Hela (2) cell lysate.



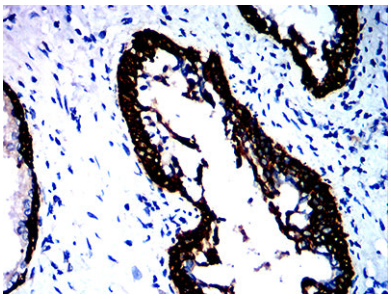
Flow cytometric analysis of PC-3 cells using KRT15 mouse mAb (green) and negative control (red).



Flow cytometric analysis of Hela cells using KRT15 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using KRT15 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using KRT15 mouse mAb with DAB staining.