

Product Name: KRT9 Mouse Monoclonal Antibody**Catalog #: AMM82578**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
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	62kDa

Antigen Information

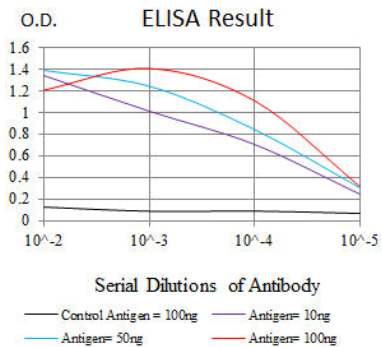
Gene Name	KRT9
Alternative Names	K9; CK-9; EPPK
Gene ID	3857.0
SwissProt ID	P35527
Immunogen	Purified recombinant fragment of human KRT9 (AA: 153-460) expressed in E. Coli.

Background

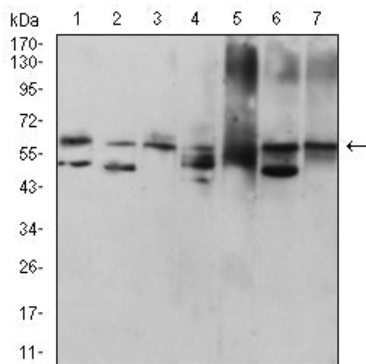
This gene encodes the type I keratin 9, an intermediate filament chain expressed only in the terminally differentiated epidermis of palms and soles. Mutations in this gene cause epidermolytic palmoplantar keratoderma.

Research Area

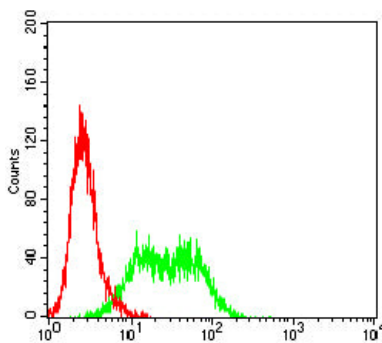
Image Data



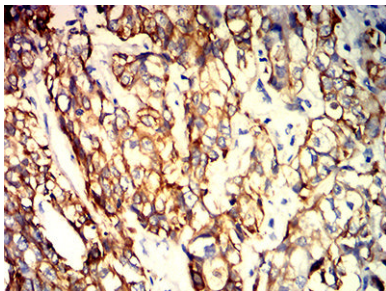
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



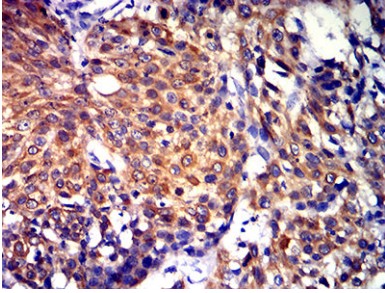
Western blot analysis using KRT9 mouse mAb against HepG2 (1), MCF-7 (2), NIH/3T3 (3), rat heart (4), mouse heart (5), Hela (6), and HUVEC (7) cell lysate.



Flow cytometric analysis of A431 cells using KRT9 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using KRT9 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using KRT9 mouse mAb with DAB staining.