Product Name: KRT19 Mouse Monoclonal Antibody
Catalog #: AMM81001
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
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	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	41kDa

Antigen Information

Gene Name	KRT19
Alternative Names	K19; CK19; K1CS; MGC15366
Gene ID	3880.0
SwissProt ID	P08727
Immunogen	Purified recombinant fragment of human KRT19 expressed in E. Coli.

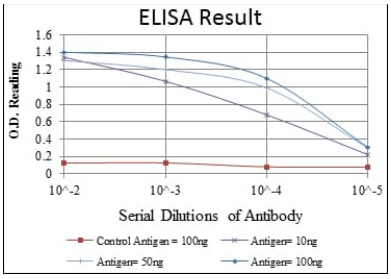
Background

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

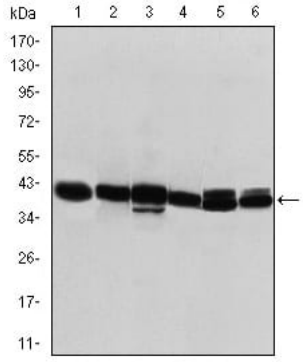
smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.

Research Area

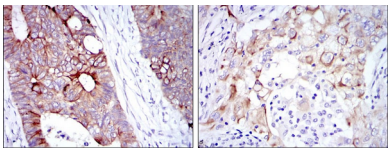
Image Data



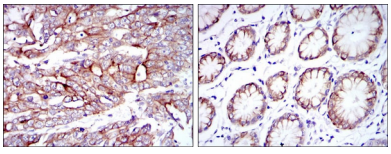
Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Western blot analysis using KRT19 mouse mAb against T47D (1), MCF-7 (2), SKBR-3 (3), HepG2 (4), Caco-2 (5) and SW620 (6) cell lysate.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues (left) and lung cancer tissues (right) using KRT19 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues (left) and stomach tissues (right) using KRT19 mouse mAb with DAB staining.