Product Name: **Cytokeratin 19 Mouse Monoclonal Antibody**
Catalog #: **AMM80706**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ICC,ELISA,FC
Reactivity	Human, Mouse, Rabbit
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	IHC 1:200-1:1000,ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	44kDa

Antigen Information

Gene Name	Cytokeratin 19
Alternative Names	CK19; K1CS; MGC15366; KRT19
Gene ID	3880.0
SwissProt ID	P08727
Immunogen	Purified recombinant fragment of Cytokeratin 19 (aa80-400) expressed in E. Coli strain.

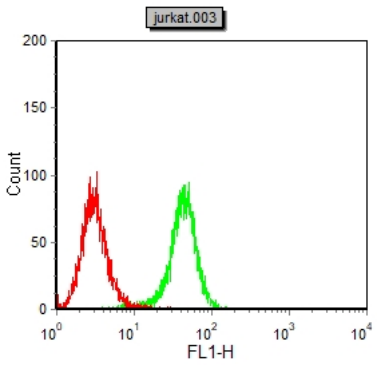
Background

Cytokeratin 19, also known as KRT19, CK19, CK19, K1CS, MGC15366. Entrez Protein NP_002267. It 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

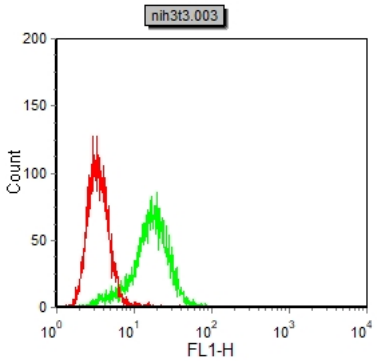
heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis.

Research Area

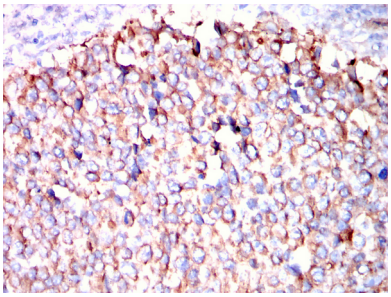
Image Data



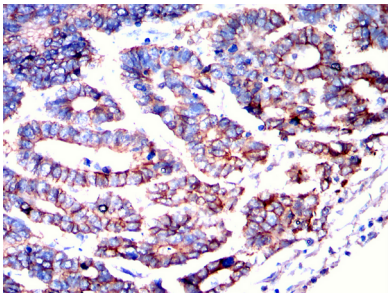
Flow cytometric analysis of Jurkat cells using KRT19 mouse mAb (green) and negative control (red).



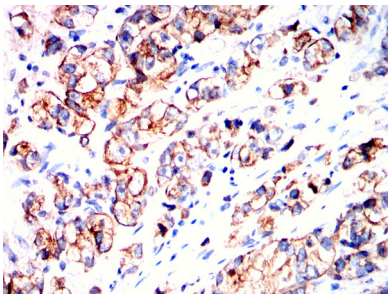
Flow cytometric analysis of NIH3T3 cells using KRT19 mouse mAb (green) and negative control (red).



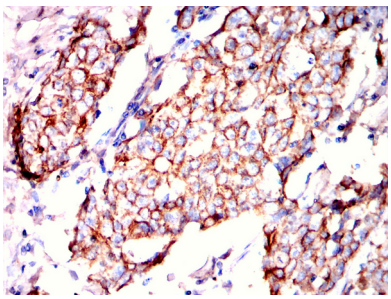
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using KRT19 mouse mAb with DAB staining.



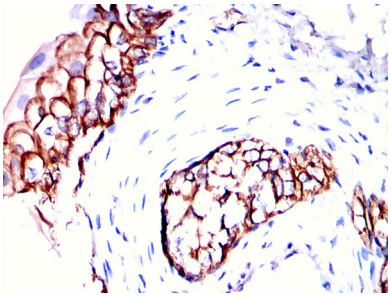
Immunohistochemical analysis of paraffin-embedded colon cancer tissues using KRT19 mouse mAb with DAB staining.



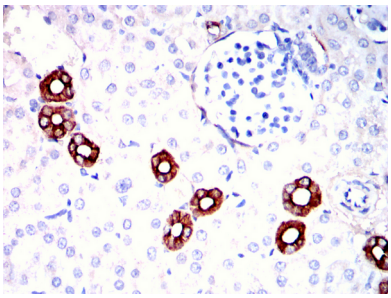
Immunohistochemical analysis of paraffin-embedded prostate cancer tissues using KRT19 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded breast cancer tissues using KRT19 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rabbit bladder tissues using KRT19 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rabbit kidney tissues using KRT19 mouse mAb with DAB staining.