Product Name: **Cytokeratin 16 (10C7) Mouse Monoclonal Antibody**
Catalog #: **AMM03578**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	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	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 51 kDa; Observed MW: 51 kDa

Antigen Information

Gene Name	KRT16
Alternative Names	KRT16; KRT16A; Keratin; type I cytoskeletal 16; Cytokeratin-16; CK-16; Keratin-16; K16
Gene ID	3868
SwissProt ID	P08779
Immunogen	Recombinant protein of human Cytokeratin 16

Background

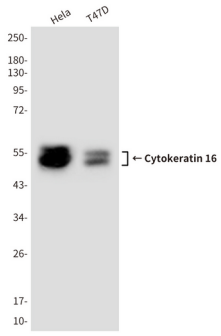
K16 a type I cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. There are two types of cytoskeletal and microfibrillar

keratin: type I (acidic; 40-55 kDa) [K9 to K20] and type II (neutral to basic; 56-70 kDa) [K1 to K8].

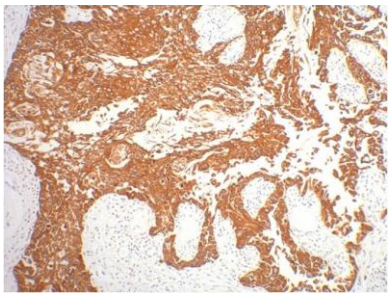
Research Area

Signal Transduction

Image Data



Western blot analysis of Cytokeratin 16 in T47D and Hela lysates using Cytokeratin 16 antibody.



Immunohistochemistry analysis of paraffin-embedded Human gullet cancer tissue using CK16 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.