

Product Name: Cytokeratin 13(CK13) Mouse Monoclonal Antibody

Catalog #: AMM21970

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio	IHC 1:200-400;ELISA 1:500-5000
Molecular Weight	Calculated MW:50kDa,Observed MW:50kDa

Antigen Information

Gene Name	KRT13
	47 kDa cyokeratin;CK-13;CK13;Cytokeratin 13;Cytokeratin-
Alternative Names	13;K13;K1C13_HUMAN;Ka13;Keratin 13;Keratin;keratin type I cytoskeletal 13;Keratin-13;Krt-1.13;Krt1-13;KRT13;MGC161462;MGC3781;type I cytoskeletal 13;Type I keratin Ka13;WSN2
Gene ID	Human:3860
SwissProt ID	Human:P13646,Mouse:P08730,Rat:Q6IFV4
Immunogen	Synthesized peptide derived from human Cytokeratin 13 AA range: 400-458

Background

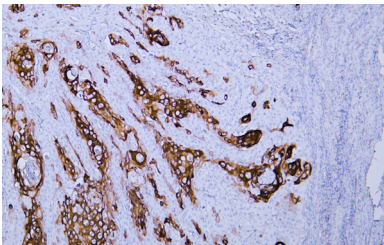
The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins

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. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been described. [provided by RefSeq, Jul 2008],

Research Area

Pathology

Image Data



Human cervical squamous cell carcinoma tissue was stained with Anti-Cytokeratin 13 Antibody