

ARG66490 anti-Cytokeratin 13 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Cytokeratin 13
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1, kappa
Target Name	Cytokeratin 13
Species	Human
Immunogen	Synthetic peptide derived from Human Cytokeratin 13.
Conjugation	Un-conjugated
Alternate Names	K13; Keratin, type I cytoskeletal 13; CK-13; Cytokeratin-13; WSN2; CK13; Keratin-13

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:500
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Citric acid buffer (pH 6.0) was used. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

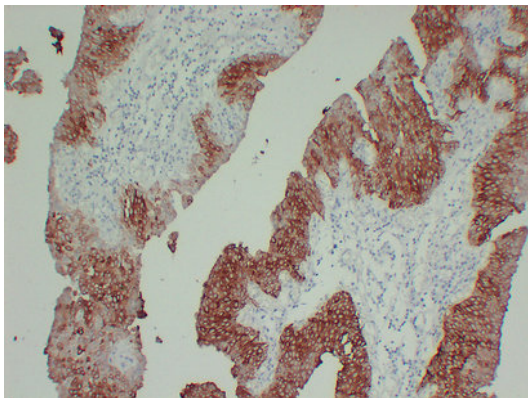
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

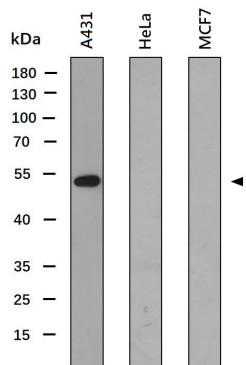
Gene Symbol	KRT13
Gene Full Name	keratin 13, type I
Background	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. 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]
Calculated Mw	50 kDa
PTM	O-glycosylated; glycans consist of single N-acetylglucosamine residues. [UniProt]

Images



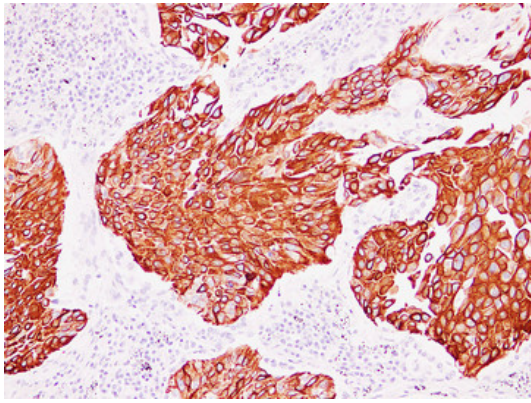
ARG66490 anti-Cytokeratin 13 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human transitional cell carcinoma stained with ARG66490 anti-Cytokeratin 13 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Citric acid buffer (pH 6.0) was used.



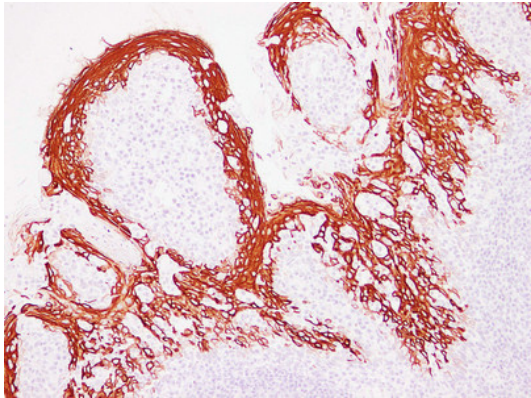
ARG66490 anti-Cytokeratin 13 antibody WB image

Western blot: 30 µg of A431, HeLa (negative control) and MCF7 (negative control) whole cell lysates stained with ARG66490 anti-Cytokeratin 13 antibody at 1:1000 dilution.



ARG66490 anti-Cytokeratin 13 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human squamous cell lung carcinoma stained with ARG66490 anti-Cytokeratin 13 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Citric acid buffer (pH 6.0) was used.



ARG66490 anti-Cytokeratin 13 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil stained with ARG66490 anti-Cytokeratin 13 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Citric acid buffer (pH 6.0) was used.