

Cytokeratin 19 rabbit pAb

Cat#: orb766954 (Manual)

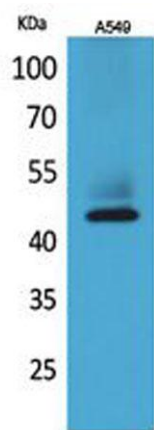
For research use only. Not intended for diagnostic use.

Product Name	Cytokeratin 19 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human KRT19. AA range:321-370
Specificity	Cytokeratin 19 Polyclonal Antibody detects endogenous levels of Cytokeratin 19 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Keratin type I cytoskeletal 19
Gene Name	KRT19
Cellular localization	intermediate filament,plasma membrane,dystrophin-associated glycoprotein complex,Z disc,sarcolemma, costamere,extracellular exosome,cell periphery,terminal web,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

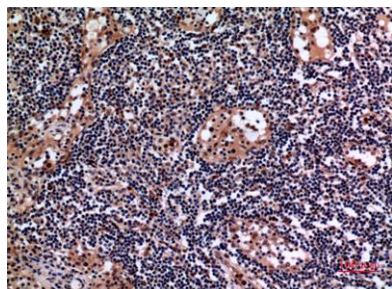
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	44kD
Human Gene ID	3880
Human Swiss-Prot Number	P08727
Alternative Names	KRT19; Keratin, type I cytoskeletal 19; Cytokeratin-19; CK-19; Keratin-19; K19

Background

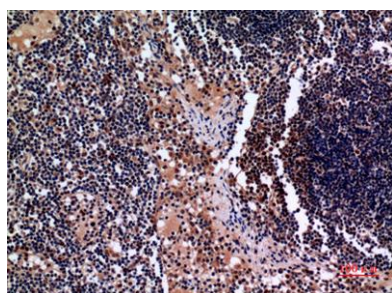
The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged 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. [provided by RefSeq, Jul 2008],



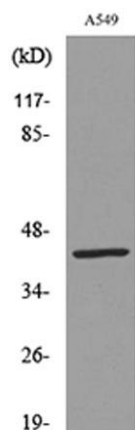
Western Blot analysis of A549 cells using Cytokeratin 19 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human lymph gland, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human lymph gland, antibody was diluted at 1:100



Western blot analysis of lysate from A549 cells, using KRT19 Antibody.