



Cytokeratin 19 rabbit pAb

Cat No.:ES2131

For research use only

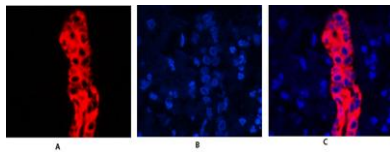
Overview

Product Name	Cytokeratin 19 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Keratin 19. AA range:231-280
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

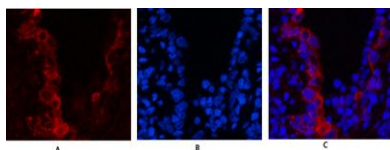


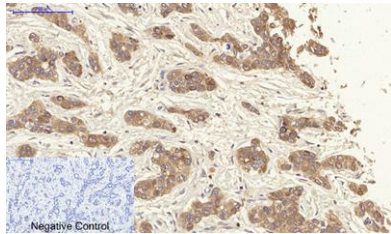
the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike 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],

Immunofluorescence analysis of human-liver tissue.
 1, Cytokeratin 19 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target

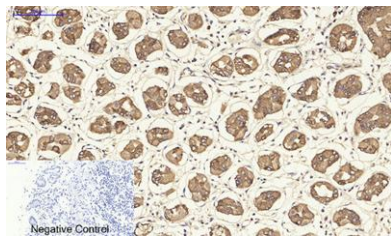


Immunofluorescence analysis of rat-lung tissue.
 1, Cytokeratin 19 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B





Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. 1,Cytokeratin 19 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted



Immunohistochemical analysis of paraffin-embedded Human-stomach tissue. 1,Cytokeratin 19 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

