

## ARG56047 anti-Cytokeratin 19 antibody [Ks19.1]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [Ks19.1] recognizes Cytokeratin 19
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	Ks19.1
Isotype	IgG2a, kappa
Target Name	Cytokeratin 19
Species	Human
Immunogen	Human breast cancer MCF-7 cells.
Conjugation	Un-conjugated
Alternate Names	Cytokeratin-19; K19; CK-19; K1CS; Keratin-19; CK19; Keratin, type I cytoskeletal 19

### Application Instructions

Application table	Application	Dilution
	ICC/IF	2 - 5 µg/ml
	IHC-P	2 - 5 µg/ml
	WB	1 - 2 µg/ml
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10 mM Citrate buffer (pH 6.0) for 10-20 min, followed by cooling at RT for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	PC3	
Observed Size	~ 47 kDa	

### Properties

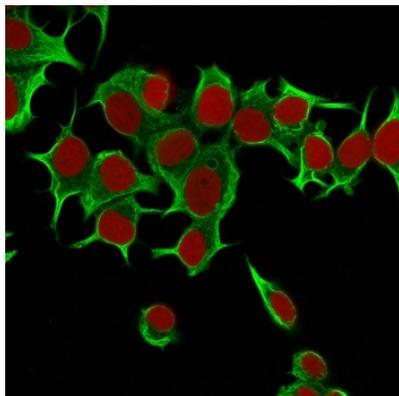
Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA

Concentration	0.2 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 or below. 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

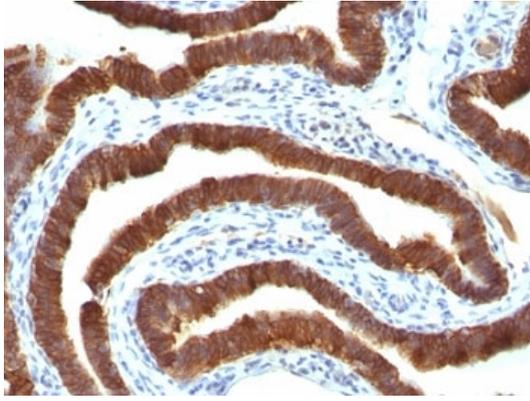
Database links	<a href="#">GeneID: 3880 Human</a> <a href="#">Swiss-port # P08727 Human</a>
Gene Symbol	KRT19
Gene Full Name	keratin 19, type I
Background	Cytokeratin 19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial 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]
Function	Cytokeratin 19 involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle. [UniProt]
Highlight	Related products: <a href="#">Cytokeratin 19 antibodies: Anti-Mouse IgG secondary antibodies:</a> Related news: <a href="#">Therapeutic strategies against PDAC</a>
Calculated Mw	44 kDa
Cellular Localization	Cytoplasmic

## Images



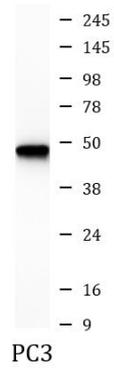
ARG56047 anti-Cytokeratin 19 antibody [Ks19.1] ICC/IF image

Immunofluorescence: MeOH-fixed MCF7 cells stained with ARG56047 anti-Cytokeratin 19 antibody [Ks19.1] (green). Reddot (red) for nuclear staining.



ARG56047 anti-Cytokeratin 19 antibody [Ks19.1] IHC-P image

Immunohistochemistry: Formalin-fixed, paraffin-embedded Human ovarian carcinoma stained with ARG56047 anti-Cytokeratin 19 antibody [Ks19.1].



ARG56047 anti-Cytokeratin 19 antibody [Ks19.1] WB image

Western blot: PC3 cell lysate stained with ARG56047 anti-Cytokeratin 19 antibody [Ks19.1].