

ARG62978 anti-Cytokeratin 19 antibody [BA-17]

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [BA-17] recognizes Cytokeratin 19
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	FACS, ICC/IF, IHC-Fr, IHC-P, IP, WB
Specificity	The clone BA-17 reacts with cytokeratin 19 (40 kDa) in human tissue. Cytokeratin 19 is not expressed in hepatocytes; it is often co-expressed with cytokeratin 7.
Host	Mouse
Clonality	Monoclonal
Clone	BA-17
Isotype	IgG1
Target Name	Cytokeratin 19
Immunogen	Mammary organoids.
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
	FACS	1 - 5 µg/ml
	ICC/IF	Assay-dependent
	IHC-Fr	5 - 10 µg/ml
	IHC-P	5 - 10 µg/ml
	IP	Assay-dependent
	WB	1 - 2 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

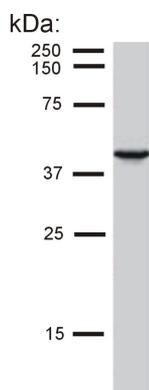
Form	Liquid
Purification	Purified from ascites by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide

Preservative	15 mM Sodium azide
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 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

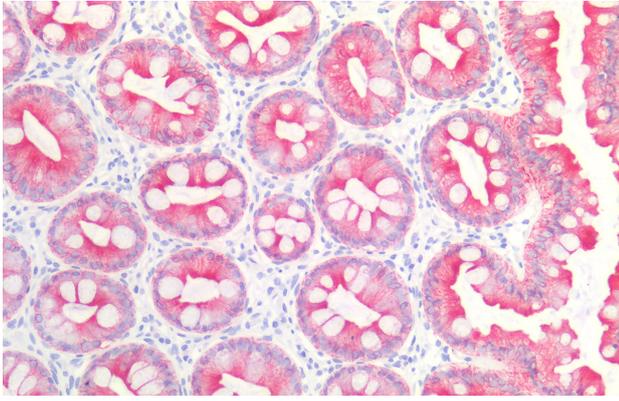
Database links	GeneID: 3880 Human Swiss-port # P08727 Human
Gene Symbol	KRT19
Gene Full Name	keratin 19, type I
Background	Cytokeratin 19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided 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: Cytokeratin 19 antibodies ; Anti-Mouse IgG secondary antibodies ; Related news: Stem cell and the regenerative medicine: Ready for the patients Therapeutic strategies against PDAC
Research Area	Signaling Transduction antibody
Calculated Mw	44 kDa

Images



ARG62978 anti-Cytokeratin 19 antibody [BA-17] WB image

Western blot: MCF-7 cell lysate stained with ARG62978 anti-Cytokeratin 19 antibody [BA-17].



ARG62978 anti-Cytokeratin 19 antibody [BA-17] IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon tissue stained with ARG62978 anti-Cytokeratin 19 antibody [BA-17].