

ARG55966 anti-Cytokeratin 19 antibody [A53-B/A2.26]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [A53-B/A2.26] recognizes Cytokeratin 19
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	A53-B/A2.26
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.	

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.

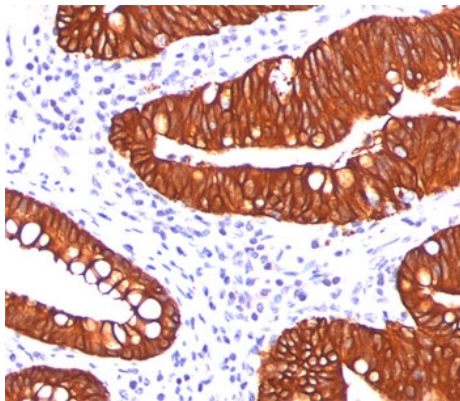
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

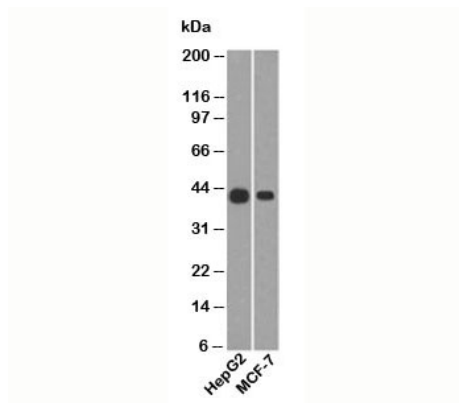
Database links	GeneID: 3880 Human Swiss-port # P08727 Human
Gene Symbol	KRT19
Gene Full Name	keratin 19, type I
Background	Cytokeratin 19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided 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: Tools for studying Exosomes Therapeutic strategies against PDAC
Calculated Mw	44 kDa
Cellular Localization	Cytoplasmic

Images



ARG55966 anti-Cytokeratin 19 antibody [A53-B/A2.26] IHC-P image

Immunohistochemistry: colon carcinoma stained with ARG55966 anti-Cytokeratin 19 antibody [A53-B/A2.26].



ARG55966 anti-Cytokeratin 19 antibody [A53-B/A2.26] WB image

Western blot: HepG2 and MCF-7 cell lysates stained with ARG55966 anti-Cytokeratin 19 antibody [A53-B/A2.26].