

Basic Information

Product Name	Anti-Cytokeratin 19/KRT19 Antibody (Clone#CCO-11)	
Gene Name	KRT19	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, mouse	
Tested Application	WB, IHC, ICC/IF, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human Cytokeratin 19	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	44 kDa	
Dilution Ratios	Western blot (WB):	1:1000-5000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	Flow Cytometry (FCM):	1:20

Storage

12 months from date of receipt, -20°C as supplied.

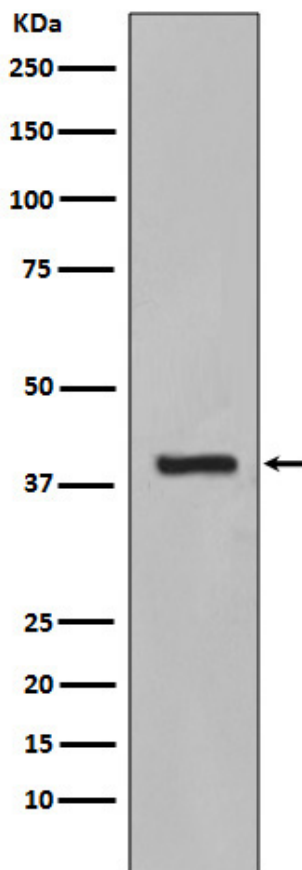
Background Information

Keratin, type I cytoskeletal 19 is a protein that in humans is encoded by the KRT19 gene. The protein encoded by this gene is a member of the keratin family. It is specifically expressed in the periderm, the transiently superficial layer that envelops the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. Due to its high sensitivity, KRT19 is the most used marker for the RT-PCR-mediated detection of tumor cells disseminated in lymph nodes, peripheral blood, and bone marrow of breast cancer patients. Keratin 19 is often used together with keratin 8 and keratin 18 to differentiate cells of epithelial origin from hematopoietic cells in tests that enumerate circulating tumor cells in blood.

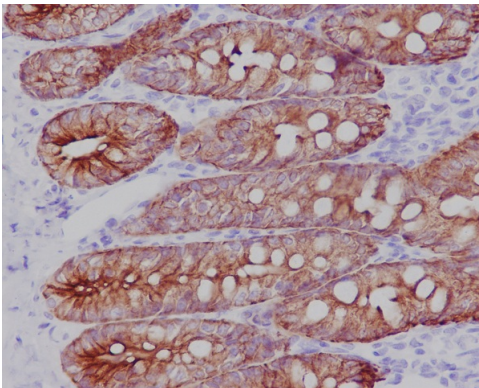
Reference

Anti-Cytokeratin 19/KRT19 Antibody (Clone#CCO-11)被引用在1文献中。

Selected Validation Data



Western blot analysis of Cytokeratin 19 expression in HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded mouse colon, using Cytokeratin 19 Antibody .

Product datasheet

**Anti-Cytokeratin 19/KRT19 Antibody
(Clone#CCO-11)**

Catalog Number: BM4188

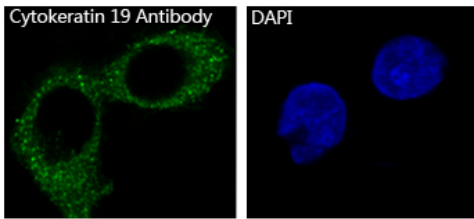
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Immunofluorescent analysis of MCF-7 cells, using Cytokeratin 19 Antibody