

Mouse CYTOKERATIN 14 Monoclonal Antibody | anti-KRT14 antibody

MOUSE ANTI HUMAN CYTOKERATIN 14:FITC

CATALOG # AAA49127	HOST Mouse	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
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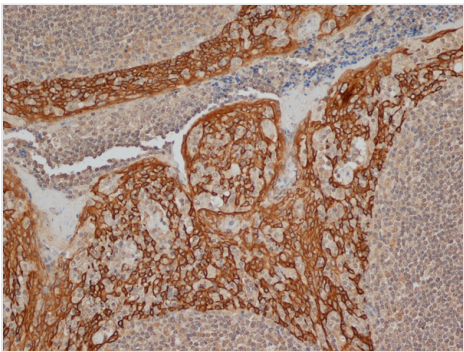
PRODUCT SYNONYMS

CYTOKERATIN 14; Monoclonal Antibody; MOUSE ANTI HUMAN CYTOKERATIN 14:FITC; anti-KRT14 antibody

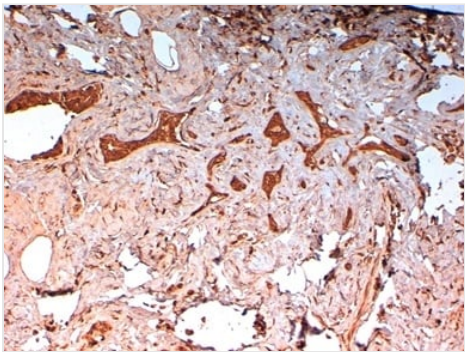
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Clone Number	LL002
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1mg/ml (varies by lot)
Sequence Length	472
Applicable Applications for anti-KRT14 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

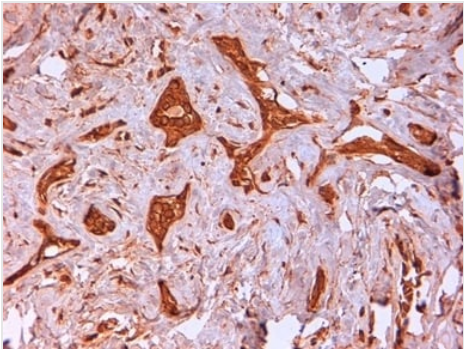
IMAGES



Application Data
Immunoperoxidase staining of formalin fixed, paraffin embedded human tonsil with Mouse anti Human cytokeratin 14 following heat mediated antigen retrieval using citrate buffer, pH6.0



Application Data
Formalin fixed, paraffin embedded human breast cancer biopsy stained with Mouse anti Human cytokeratin 14 followed by HRP polymer detection and DAB substrate development (low power) following heat mediated antigen retrieval using citrate buffer at pH6.2



Application Data
Formalin fixed, paraffin embedded human breast cancer biopsy stained with Mouse anti Human cytokeratin 14 followed by HRP polymer detection and DAB substrate development (high power) following heat mediated antigen retrieval using citrate buffer at pH6.2

ADDITIONAL INFORMATION

Related Product Information for anti-KRT14 antibody	Mouse anti Human Cytokeratin 14 antibody, clone LL002 recognizes cytokeratin 14, a type I intermediate filament, expressed by stratifying epithelial cells and can be used to distinguish these cell types from simple epithelial cells, which do not express cytokeratin 14. Mouse anti cytokeratin 14, clone LL002 has been reported to be suitable for use in Western blotting (Alam et al. 2011)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15431310
NCBI GeneID	3861
NCBI Accession #	NP_000517.2
NCBI GenBank Nucleotide #	NM_000526.4
UniProt Accession #	P02533; Q14715; Q53XY3; Q9BUE3; Q9UBN2; Q9UBN3; Q9UCY4
Molecular Weight	51,561 Da
NCBI Official Full Name	keratin, type I cytoskeletal 14
NCBI Official Synonym Full Names	keratin 14, type I
NCBI Official Symbol	KRT14
NCBI Official Synonym Symbols	K14; NFJ; CK14; EBS3; EBS4

NCBI Protein Information	keratin, type I cytoskeletal 14; CK-14; cytokeratin 14; cytokeratin-14; keratin 14 (epidermolysis bullosa simplex, Dowling-Meara, Koebner)
UniProt Protein Name	Keratin, type I cytoskeletal 14
UniProt Gene Name	KRT14
UniProt Synonym Gene Names	CK-14; K14
UniProt Entry Name	K1C14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-14-antibody-clone-1l002-immunofluorescence-flow-cytometry-elisa/49127>