

Mouse anti-Human Cytokeratin 15 Monoclonal Antibody | anti-KRT15 antibody

Anti-Cytokeratin 15 Antibody

CATALOG # AAA293402	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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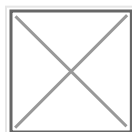
PRODUCT SYNONYMS

Cytokeratin 15; Monoclonal Antibody; Anti-Cytokeratin 15 Antibody; KRTB; Keratin type I cytoskeletal 15; Cytokeratin-15; CK-15; Keratin-15; K15; anti-KRT15 antibody

PRODUCT SPECIFICATIONS

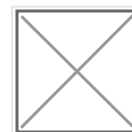
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Recognizes endogenous levels of Cytokeratin 15 protein.
Form/Format	Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.09% (W/V) sodium azide.
Applicable Applications for anti-KRT15 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Tissue Location	Expressed in a discontinuous manner in the basal cell layer of adult skin epidermis, but continuously in the basal layer of fetal skin epidermis and nail. Also expressed in the outer root sheath above the hair bulb in hair follicle (at protein level) Expressed homogeneously in all cell layers of the esophagus and exocervix, but detected in the basal cell layer only of oral mucosa, skin and in the basal plus the next two layers of the suprabasal epithelium of the palate.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/300) Immunohistochemical analysis of Cytokeratin 15 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



IP (Immunoprecipitation)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/300)



IF (Immunofluorescence)

Dilution: IF WB (1/500 - 1/1000), IH (1/100 - 1/300) Immunohistochemical analysis of Cytokeratin 15 staining in human skin formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/300) Immunohistochemical analysis of Cytokeratin 15 staining in human cervical squamous carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT15 antibody

Mouse monoclonal antibody to Cytokeratin 15
KLH-conjugated synthetic peptide encompassing a sequence within human Cytokeratin 15. The exact sequence is proprietary.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430190
NCBI GeneID	3866
NCBI Accession #	NP_002266.2
NCBI GenBank Nucleotide #	NM_002275.3
UniProt Accession #	P19012; Q53XV8; Q9BUG4; B3KQY1
Molecular Weight	49,212 Da
NCBI Official Full Name	keratin, type I cytoskeletal 15
NCBI Official Synonym Full Names	keratin 15
NCBI Official Symbol	KRT15
NCBI Official Synonym Symbols	K15; CK15; K1CO
NCBI Protein Information	keratin, type I cytoskeletal 15; CK-15; cytokeratin 15; cytokeratin-15; keratin-15, beta; keratin-15, basic
UniProt Protein Name	Keratin, type I cytoskeletal 15
UniProt Gene Name	KRT15
UniProt Synonym Gene Names	KRTB; CK-15; K15
UniProt Entry Name	K1C15_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-15-antibody-immunohistochemistry-western-blot-elisa/293402>