

Mouse anti-Human KRT15 Antibody | anti-KRT15 antibody

KRT15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108468	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

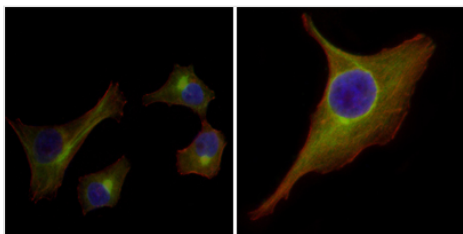
PRODUCT SYNONYMS

KRT15; KRT15 Antibody; K15; CK15; K1CO; KRT1; anti-KRT15 antibody

PRODUCT SPECIFICATIONS

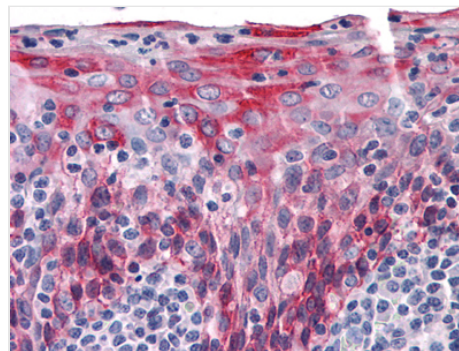
Host	Mouse
Reactivity	Human
Isotype	IgG2a
Clone Number	6E7
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	456
Applicable Applications for anti-KRT15 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of KRT15 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



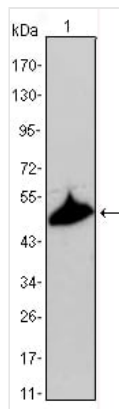
IF (Immunofluorescence)

Figure 3. Immunofluorescence analysis of HepG2(left) and PACN-1 (right) cells using KRT15 mouse mAb (green). Red. Actin filaments have been labeled with DY-554 phalloidin. Blue. DRAQ5 fluorescent DNA dye.



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using KRT15 mouse mAb



WB (Western Blot)

Figure 1. Western blot analysis using KRT15 mouse mAb against A431 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT15 antibody	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Keratin 15 is a type I keratin without a defined type II partner. Keratin 15 is expressed primarily in the basal keratinocytes of stratified tissues, including the fetal epidermis and fetal nail. Expression of keratin 15 is downregulated in some hyperproliferating situations, such as psoriasis and hypertrophic scars. Because keratinocytes in psoriasis and hypertrophic scars are activated, it is suggested that keratin 15 expression is not compatible with keratinocyte activation and the keratin 15 gene is downregulated to maintain the activated phenotype.
Product Categories/Family for anti-KRT15 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

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; B3KRA2; E0CX14
Molecular Weight	49kDa
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
UniProt Protein Name	Keratin, type I cytoskeletal 15
UniProt Gene Name	KRT15
UniProt Synonym Gene Names	KRTB; CK-15; K15

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.