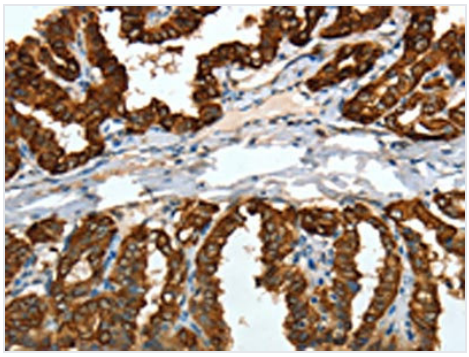
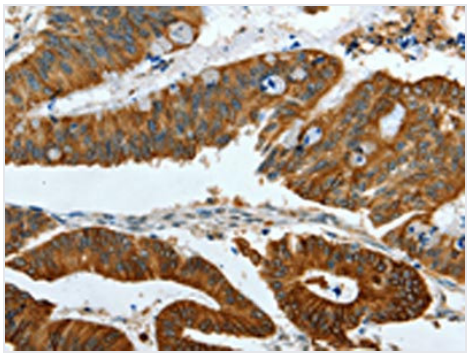
KRT19 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

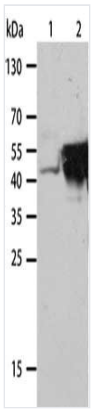
Product Name	KRT19, Polyclonal Antibody
Full Product Name	KRT19 Antibody
Product Gene Name	anti-KRT19 antibody
Product Synonym Names	keratin 19
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	44,106 Da
Chromosome Location	Chromosome: 17; NC_000017.10 (39679869..39684641, complement). Location: 17q21.2
OMIM	148020
3D Structure	ModBase 3D Structure for P08727
Immunogen	Fusion protein of human KRT19
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-KRT19 antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KRT19 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-KRT19 antibody	ELISA: 1:2000-1:5000 WB: 1:500-1:2000 IHC: 1:25-1:100
Related Product Information for anti-KRT19 antibody	MBS7123277 is an antibody targeting KRT19. Also known as KRT19 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-KRT19 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC)-Paraffin of anti-KRT19 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MBS7123277(KRT19 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry (IHC)-Paraffin of anti-KRT19 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using MBS7123277(KRT19 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: ×200)



SDS-Page of anti-KRT19 antibody
Gel: 12%SDS-PAGE, Lysate: 40 ug, Lane 1-2: Hela cells, lovo cells, Primary antibody: MBS7123277(KRT19 Antibody) at dilution 1/1000, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 50 seconds

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KRT19. It may not necessarily be applicable to this product.

NCBI GI #	24234699
NCBI GeneID	3880
NCBI Accession #	NP_002267.2
UniProt Primary Accession #	P08727
UniProt Secondary Accession #	Q5XG83; Q6NW33; Q7L5M9; Q96A53; Q96FV1; Q9BYF9; Q9P1Y4; B2R874
UniProt Related Accession #	P08727
GenBank Nucleotide #	NM_002276.4
NCBI Official Full Name	keratin, type I cytoskeletal 19
NCBI Official Synonym Full Names	keratin 19
NCBI Official Symbol	KRT19
NCBI Official Synonym Symbols	K19; CK19; K1CS
UniProt Protein Name	Keratin, type I cytoskeletal 19
UniProt Synonym Protein Names	Cytokeratin-19; CK-19; Keratin-19
Protein Family	Keratin

UniProt Gene Name	KRT19
UniProt Synonym Gene Names	CK-19; K19
UniProt Entry Name	K1C19_HUMAN
NCBI Protein Information	keratin, type I cytoskeletal 19; CK-19; keratin-19; cytokeratin 19; cytokeratin-19; keratin, type I, 40-kd; 40-kDa keratin intermediate filament
NCBI Summary for KRT19	The protein encoded by this gene 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]
UniProt Comments for KRT19	K19: a type I cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Keratin 19 differs from all other IF proteins in lacking the C-terminal tail domain. 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. Protein type: Cytoskeletal Chromosomal Location of Human Ortholog: 17q21.2 Cellular Component: dystrophin-associated glycoprotein complex; costamere; intermediate filament; Z disc; sarcolemma Molecular Function: protein binding; structural constituent of cytoskeleton; structural constituent of muscle; protein complex binding Biological Process: viral reproduction; response to estrogen stimulus; sarcomere organization
Research Articles on KRT19	**1.** Tumors or dysplastic lesions that carry EBV also generally express higher levels of CK19 than those that do not
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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