

## ARG66196 anti-Cytokeratin 8 antibody [SQab1718]

Package: 100 µl, 50 µl  
Store at: -20°C

### Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab1718] recognizes Cytokeratin 8
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab1718
Isotype	IgG
Target Name	Cytokeratin 8
Species	Human
Immunogen	Synthetic peptide around the C-terminus of Cytokeratin 8.
Conjugation	Un-conjugated
Alternate Names	Keratin, type II cytoskeletal 8; KO; CYK8; CK-8; Type-II keratin Kb8; K2C8; CARD2; Keratin-8; K8; CK8; Cytokeratin-8

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:200
	WB	1:500
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed using Tris/EDTA buffer (pH 9.0) * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

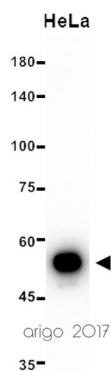
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

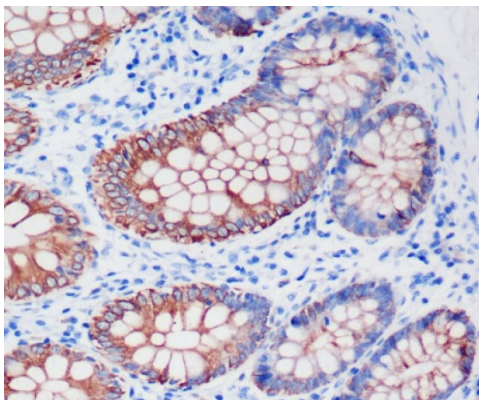
Gene Symbol	KRT8
Gene Full Name	keratin 8, type II
Background	This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]
Function	Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle. [UniProt]
Highlight	Related news: <a href="#">Cancer Pathology Markers (SQ clones)</a>
Calculated Mw	54 kDa
PTM	Phosphorylation on serine residues is enhanced during EGF stimulation and mitosis. Ser-74 phosphorylation plays an important role in keratin filament reorganization. O-glycosylated. O-GlcNAcylation at multiple sites increases solubility, and decreases stability by inducing proteasomal degradation. O-glycosylated (O-GlcNAcylation), in a cell cycle-dependent manner.

## Images



ARG66196 anti-Cytokeratin 8 antibody [SQab1718] WB image

Western blot: 20 µg of HeLa cell lysate stained with ARG66196 anti-Cytokeratin 8 antibody [SQab1718] at 1:500 dilution, overnight at 4°C.



ARG66196 anti-Cytokeratin 8 antibody [SQab1718] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human colon tissue stained with ARG66196 anti-Cytokeratin 8 antibody [SQab1718] at 1:200 dilution.

Antigen retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0