

## ARG66351 anti-Cytokeratin 14 antibody [SQab18101]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab18101] recognizes Cytokeratin 14
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab18101
Isotype	IgG
Target Name	Cytokeratin 14
Species	Human
Immunogen	Synthetic peptide within aa. 372-472 of Human Cytokeratin 14.
Conjugation	Un-conjugated
Alternate Names	K14; CK-14; Cytokeratin-14; Keratin, type I cytoskeletal 14; EBS3; EBS4; NFJ; Keratin-14; CK14

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
Application Note	<p>IHC-P: Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0), primary antibody incubate at RT for 30 min.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

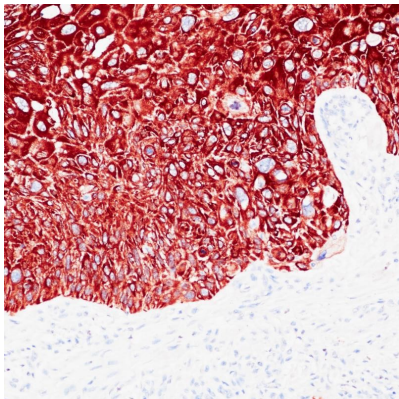
### Properties

Form	Liquid
Purification	Purification with Protein A.
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

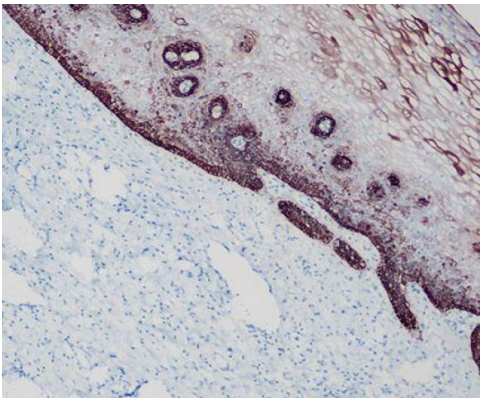
Gene Symbol	KRT14
Gene Full Name	keratin 14, type I
Background	This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11. [provided by RefSeq, Jul 2008]
Function	The nonhelical tail domain is involved in promoting KRT5-KRT14 filaments to self-organize into large bundles and enhances the mechanical properties involved in resilience of keratin intermediate filaments in vitro. [UniProt]
Highlight	Related products: <a href="#">Anti-Rabbit IgG secondary antibodies;</a> Related news: <a href="#">Cancer Pathology Markers (SQ clones)</a>
Calculated Mw	52 kDa
PTM	A disulfide bond is formed between rather than within filaments and promotes the formation of a keratin filament cage around the nucleus.  Ubiquitinated by the BCR(KLHL24) E3 ubiquitin ligase complex. [UniProt]

Images



ARG66351 anti-Cytokeratin 14 antibody [SQab18101] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded esophageal cancer tissue stained with ARG66351 anti-Cytokeratin 14 antibody [SQab18101]. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0).



ARG66351 anti-Cytokeratin 14 antibody [SQab18101] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded esophagus tissue stained with ARG66351 anti-Cytokeratin 14 antibody [SQab18101]. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0).