

## ARG66337 anti-Type II Cytokeratins antibody [SQab1885]

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

### Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab1885] recognizes Type II Cytokeratins
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab1885
Isotype	IgG
Target Name	Type II Cytokeratins
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 300-400 of Human Type-II Cytokeratins.
Conjugation	Un-conjugated
Alternate Names	67 kDa cytokeratin; KRT1A; EPPK; Keratin, type II cytoskeletal 1; EHK1; K1; Keratin-1; CK1; Cytokeratin-1; Hair alpha protein; Type-II keratin Kb1; CK-1; NEPPK; EHK

### Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	IHC-P	1:1600 - 1:3200
	WB	1:5000 - 1:10000

**Application Note** IHC-P: Antigen Retrieval: Heat mediated 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.

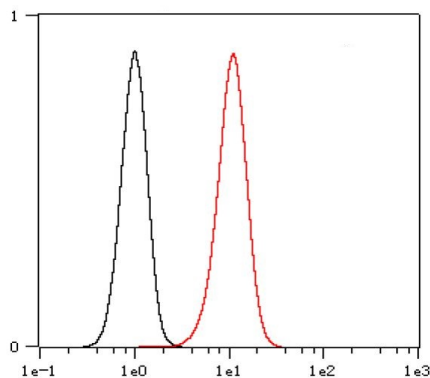
### Properties

Form	Liquid
Purification	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.

## Bioinformation

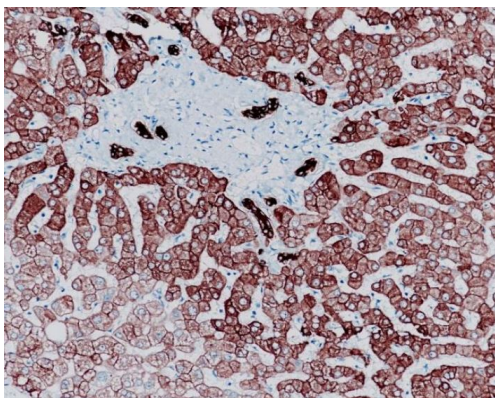
Gene Symbol	KRT1
Gene Full Name	keratin 1, type II
Background	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]
Function	May regulate the activity of kinases such as PKC and SRC via binding to integrin beta-1 (ITB1) and the receptor of activated protein kinase C (RACK1/GNB2L1). In complex with C1QBP is a high affinity receptor for kininogen-1/HMWK. [UniProt]
Highlight	Related products: <a href="#">Anti-Rabbit IgG secondary antibodies;</a> Related news: <a href="#">Cancer Pathology Markers (SQ clones)</a>
Research Area	Signaling Transduction antibody; Carcinoma Marker antibody
Calculated Mw	51 - 66 kDa
PTM	Undergoes deimination of some arginine residues (citrullination). [UniProt]

## Images



ARG66337 anti-Type II Cytokeratins antibody [SQab1885] FACS image

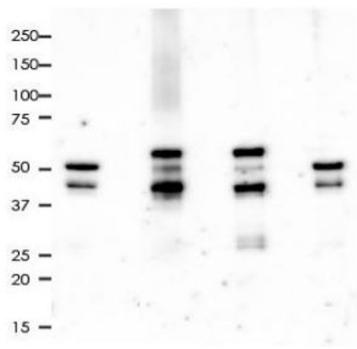
Flow Cytometry: HeLa cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% TritonX-100 for 15 min. The cells were stained with ARG66337 anti-Type II Cytokeratins antibody [SQab1885] (red) at 1:50 dilution in 1x PBS/1% BSA for 30 min at RT, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (black) was used as a control.



ARG66337 anti-Type II Cytokeratins antibody [SQab1885] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human liver tissue stained with ARG66337 anti-Type II Cytokeratins antibody [SQab1885] at 1:1,600 dilution. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0.

A549 SW480 HaCat Caco-2



ARG66337 anti-Type II Cytokeratins antibody [SQab1885] WB image

Western blot: 10 µg of A549, SW480, HaCat and Caco-2 cell lysates stained with ARG66337 anti-Type II Cytokeratins antibody [SQab1885] at 1:10000 dilution.