

ARG44853 anti-Cytokeratin 3 / CK3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Cytokeratin 3 / CK3
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	Cytokeratin 3 / CK3
Species	Human
Conjugation	Un-conjugated
Alternate Names	KRT3; Keratin 3; K3; Keratin, Type II Cytoskeletal 3; CK3; Type-II Keratin Kb3; 65 KDa Cytokeratin; Cytokeratin 3; CK-3; Keratin 3, Type II; Cytokeratin-3; Keratin-3; MECD2

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

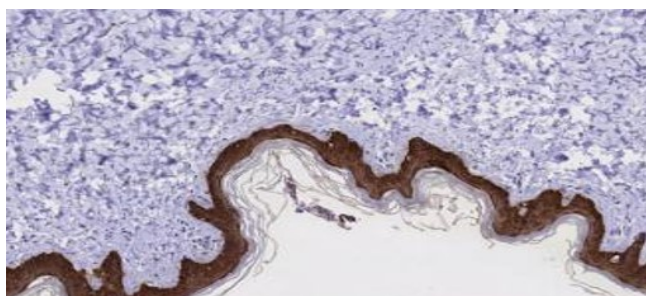
Form	Liquid
Purification	Protein A purified.
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not 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	KRT3
Gene Full Name	Keratin 3

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 corneal epithelium with family member KRT12 and mutations in these genes have been associated with Meesmann's Corneal Dystrophy. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]
Function	There are two types of cytoskeletal and microfibrillar keratin: I (acidic; 40-55 kDa) and II (neutral to basic; 56-70 kDa). [Uniprot]
PTM	Methylation, Phosphoprotein. [Uniprot]
Cellular Localization	Intermediate filament, Keratin. [Uniprot]

Images



ARG44853 anti-Cytokeratin 3 / CK3 antibody IHC-P image

Immunohistochemistry: skin stained with ARG44853 anti-Cytokeratin 3 / CK3 antibody at 7.5 µg/mL dilution.