

ARG46716 anti-Cytokeratin 12 antibody [3A3]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody [3A3] recognizes Cytokeratin 12
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Clone	3A3
Isotype	IgG
Target Name	Cytokeratin 12
Species	Human
Immunogen	Synthetic peptide of human Cytokeratin 12.
Conjugation	Un-conjugated
Alternate Names	K12; CK-12; Cytokeratin-12; Keratin-12; Keratin, type I cytoskeletal 12

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

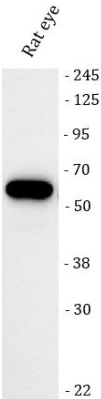
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	PBS;150 mM NaCl, 0.02% sodium azide, 50% glycerol and 0.05% BSA
Preservative	0.02% sodium azide
Stabilizer	50% 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 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

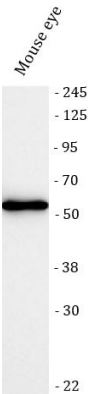
Gene Symbol	KRT12
Gene Full Name	keratin 12, type I
Background	KRT12 encodes the type I intermediate filament chain keratin 12, expressed in corneal epithelia. Mutations in this gene lead to Meesmann corneal dystrophy. [provided by RefSeq, Jul 2008]
Function	May play a unique role in maintaining the normal corneal epithelial function. Together with KRT3, essential for the maintenance of corneal epithelium integrity (By similarity). [UniProt]
Calculated Mw	54 kDa

Images



ARG46716 anti-Cytokeratin 12 antibody [3A3] WB image

Western blot: Rat eye stained with ARG46716 anti-Cytokeratin 12 antibody [3A3].



ARG46716 anti-Cytokeratin 12 antibody [3A3] WB image

Western blot: Mouse eye stained with ARG46716 anti-Cytokeratin 12 antibody [3A3].