

Product datasheet

info@arigobio.com

ARG42331 anti-Cytokeratins antibody [C-11] (Biotin)

Package: 50 μg Store at: 4°C

Summary

Product Description Biotin-conjugated Mouse Monoclonal antibody [C-11] recognizes Cytokeratins

Tested Reactivity Mamm

Tested Application FACS, ICC/IF, IHC-P, IP, WB

Specificity The antibody C-11 reacts with Cytokeratin peptides 4, 5, 6, 8, 10, 13, 18. Cytokeratins are members of

intermediate filaments subfamily intracellular proteins represented in epithelial tissues.

Host Mouse

Clonality Monoclonal

Clone C-11

Isotype IgG1

Target Name Cytokeratins

Species Human

Immunogen Keratin-enriched preparation from Human epidermoid carcinoma cell line A431.

Conjugation Biotin

Application Instructions

Application table	Application	Dilution
	FACS	1 μg/ml
	ICC/IF	Assay-dependent
	IHC-P	Assay-dependent
	IP	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid	
Purification	Purified	
Buffer	PBS and 15 mM Sodium azide.	
Preservative	15 mM Sodium azide	
Concentration	1 mg/ml	
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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 KRT4; KRT5; KRT6; KRT8; KRT10; KRT13; KRT18

Gene Full Name keratin 4, type I; keratin 5, type I; keratin 6, type I; keratin 8, type I; keratin 10, type I; keratin 13, type I;

keratin 18, type I

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 differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a

region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]

Calculated Mw 57 kDa