

DATASHEET

Cytokeratin 7 Mouse Monoclonal Antibody (ARM978)

CAT. NO. ARM6768

KEY FEATURES

Target	Cytokeratin 7	Clone ID	ARM978
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

Cytokeratin 7 (CK7) is a type II keratin which is present in transitional, ductal, glandular, and biliary duct epithelial cells. Cytokeratin 7 is a useful marker for distinguishing between carcinomas of the lung, breast, endometrium, and urothelia (positive stain) from carcinomas of the colon and prostate (negative stain). Cytokeratin 7 is present in nearly all primary lung adenocarcinomas, and is a useful marker in the differential diagnosis of ovarian neoplasms. Anti-Cytokeratin 7 does not stain intermediate filament.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG2a, kappa
Positive Control	Lung Adenocarcinoma, Salivary Gland
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	KRT7
Entrez Gene ID	3855
Uniprot	P08729
Alternative Names	SCL; Keratin, type II cytoskeletal 7; Cytokeratin-7; CK-7; Keratin-7; K7; Sarcolectin; Type-II keratin Kb7

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

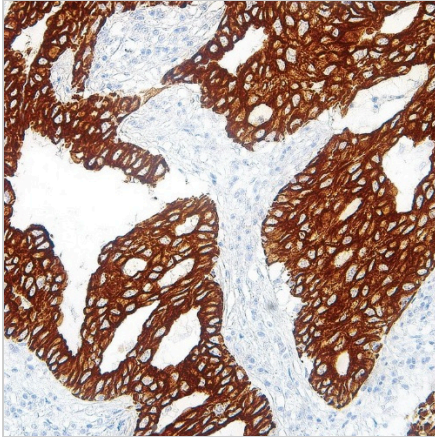
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

DATA

Immunohistochemical staining of human lung adenocarcinoma tissue using Cytokeratin 7 Mouse Monoclonal Antibody (ARM978).

RESEARCH USE ONLY

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / cytokeratin-7-mouse-monoclonal-antibody-arm978-arm6768](http://www.arexbio.com/cytokeratin-7-mouse-monoclonal-antibody-arm978-arm6768)