

## DATASHEET

# MUC2 Mouse Monoclonal Antibody (ARM634)

CAT. NO. ARM6925

### KEY FEATURES

Target	MUC2	Clone ID	ARM634
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:50-1:100
Clonality	Monoclonal	Storage	-20°C

### BACKGROUND

Mucin 2 (MUC2) is an intestinal glycoprotein that functions to protect the gut lumen by forming an insoluble mucous barrier. Anti-MUC2 stains the colon, breast, and prostate, and the MUC2 IVD antibody is used clinically in gastrointestinal, colonic, breast, and prostate neoplasia. This diagnostic grade MUC2 antibody detects goblet cells of the colon and colonic carcinomas, normal and neoplastic breast tissues, and prostate adenocarcinoma.

### APPLICATION

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

Application	IHC
Dilution Ratio	1:50-1:100

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

### PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Colon tissues
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	MUC2
Entrez Gene ID	4583
Uniprot	Q02817
Alternative Names	SMUC; Mucin-2; MUC-2; Intestinal mucin-2

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

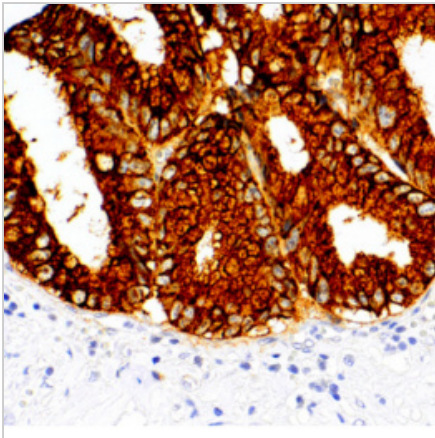
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 colon tissue using MUC2 Mouse Monoclonal Antibody (ARM634).

**RESEARCH USE ONLY**

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

More information: [www.arexbio.com / muc2-mouse-monoclonal-antibody-arm634-arm6925](http://www.arexbio.com/muc2-mouse-monoclonal-antibody-arm634-arm6925)