

**DATASHEET**

**MUC5AC Mouse Monoclonal Antibody (ARM529)**

CAT. NO. ARM6819

**KEY FEATURES**

Target	MUC5AC	Clone ID	ARM529
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

**BACKGROUND**

Mucin 5AC (MUC5AC) is a secretory-type mucin found in columnar mucous cells of surface gastric epithelium and in goblet cells of the fetal and precancerous colon, but not in normal colon cells. MUC5AC expression is indicated in carcinomas wherein the type is defined as diffuse and infiltrative, and those located mainly in the antrum. Studies have also suggested a correlation between MUC5AC and colorectal signet ring cell carcinoma, with overexpression of MUC5AC relating to the carcinogenesis, malignant potential, progression, and clinical behaviors.

**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	IgG
Positive Control	Gastric 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	MUC5AC
Entrez Gene ID	4586
Uniprot	P98088
Alternative Names	MUC5; Mucin-5AC; MUC-5AC; Gastric mucin; Lewis B blood group antigen; LeB; Major airway glycoprotein; Mucin-5 subtype AC tracheobronchial; Tracheobronchial mucin; TBM; Fragments

\*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.

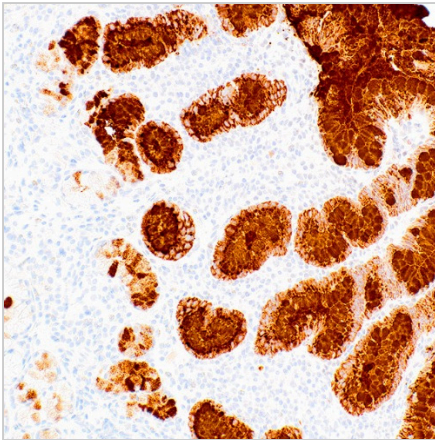
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 stomach cancer tissue using MUC5AC Mouse Monoclonal Antibody (ARM529).

**RESEARCH USE ONLY**

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

More information: [www.arexbio.com / muc5ac-mouse-monoclonal-antibody-arm529-arm6819](http://www.arexbio.com/muc5ac-mouse-monoclonal-antibody-arm529-arm6819)