

DATASHEET

MUC16/CA125 Rabbit Monoclonal Antibody(ARA745)

CAT. NO. ARA6532

KEY FEATURES

Target	MUC16/CA125	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	IHC,FC	Conjugation	Unconjugated
Storage	at-20°C		

BACKGROUND

Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.

APPLICATION

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

IHC	1:200-1:800
FC	1:200-1:800

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

PRODUCT OVERVIEW

Description	Rabbit Monoclonal Antibody to MUC16/CA125
Antibody Type	Primary antibody
Predicted MW	1519kDa
Immunogen	A synthetic peptide corresponding to residues within aa12200-12300 was used as an immunogen.
Purification	ProA affinity purified IgG
Form / Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.20%.
Alternative Names	CA125; Mucin-16; MUC-16; Ovarian cancer-related tumor marker CA125; CA-125; Ovarian carcinoma antigen CA125
Gene Symbol	MUC16
Entrez Gene	94025(Human)
Swissprot ID	Q8WXI7

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

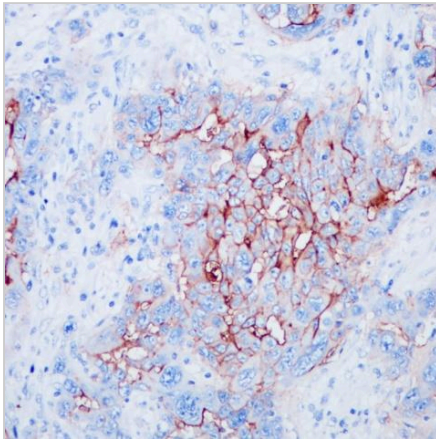
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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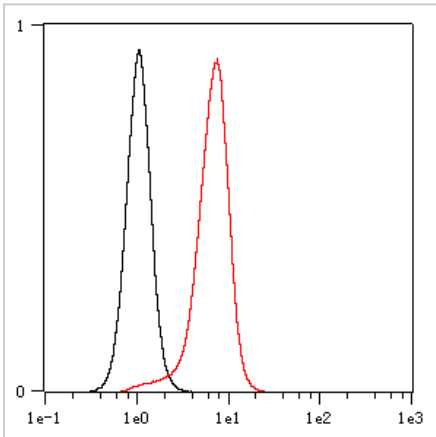
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian cancer tissue labelling CA-125 with ARA745 at 1:400. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.



Overlay histogram showing HeLa cells stained with ARA745 (Red). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% TritonX-100 for 15 min. The cells were then incubated in the antibody (ARA745, 1:800 dilution) in 1x PBS/1% BSA for 30 min at room temperature. The secondary antibody used was a Goat Anti-Rabbit Alexa Fluor® 488 (IgG H+L) at 1:2,000 dilution for 20 min at room temperature. Unlabelled sample (Black) was used as a control.

STORAGE

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

NOTE

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

More information: www.arexbio.com