

## ARG10156 anti-MUC16 / CA125 antibody [X75]

Package: 100 µg, 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [X75] recognizes MUC16 / CA125
Tested Reactivity	Hu
Tested Application	ELISA, FACS, ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	X75
Isotype	IgG1
Target Name	MUC16 / CA125
Antigen Species	Human
Immunogen	MUC16 / CA125 antigen purified from human ovarian carcinoma (MW > 1 MDa).
Epitope	Epitope specificity group B (ISOBM classification) similar to M-11.
Conjugation	Un-conjugated
Alternate Names	Mucin-16; MUC-16; Ovarian carcinoma antigen CA125; CA125; Ovarian cancer-related tumor marker CA125; CA-125

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	FACS	0.1 µg/10 <sup>6</sup> cells
	ICC/IF	Assay-dependent
	IHC-P	1 - 5 µg/ml
	WB	1 - 5 µg/ml

**Application Note**  
Sandwich ELISA (Capture antibody - Detection antibody):  
ARG10156 - [ARG10351](#)  
[ARG10351](#) - ARG10156  
[ARG10534](#) - ARG10156

IHC-P: Antigen Retrieval: Heat mediation was performed.

\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Calculated Mw 1519 kDa

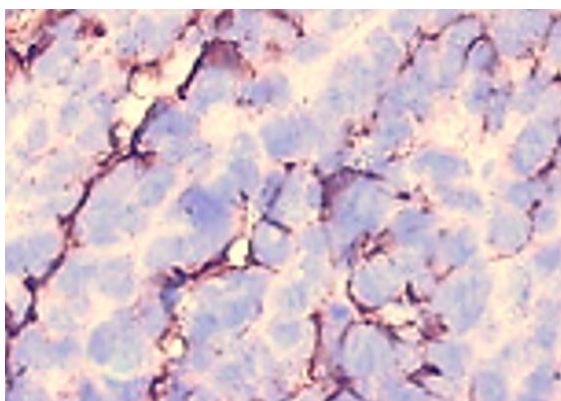
### Properties

Form	Liquid
Purification	Ion exchange chromatography.
Buffer	10 mM Tris (pH 7.5), 0.15 M NaCl and 0.05% Sodium azide.
Preservative	0.05% Sodium azide
Concentration	1.0-2.0 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. 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

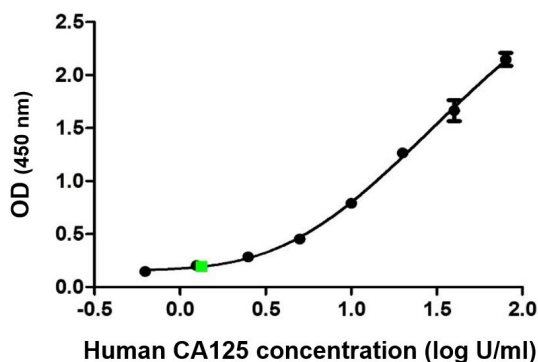
Database links	<a href="#">GeneID: 94025 Human</a> <a href="#">Swiss-port # Q8WXI7 Human</a>
Gene Symbol	MUC16
Gene Full Name	mucin 16, cell surface associated
Function	Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. [UniProt]
Research Area	Cancer antibody; Controls and Markers antibody; Signaling Transduction antibody

## Images



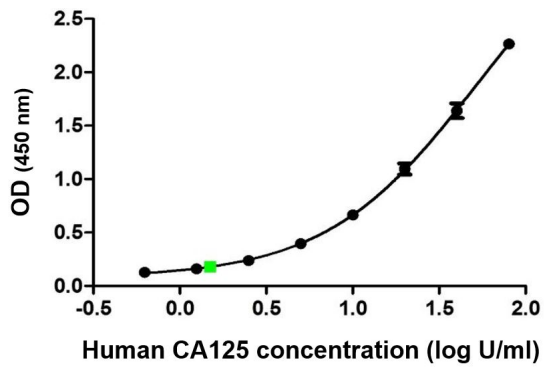
ARG10156 anti-MUC16 / CA125 antibody [X75] IHC-P image

Immunohistochemistry: Paraffin-embedded Human ovarian cancer tissue. Antigen Retrieval: Heat mediation was performed. The tissue section was stained with ARG10156 anti-MUC16 / CA125 antibody [X75] at 1:200 dilution.



ARG10156 anti-MUC16 / CA125 antibody [X75] standard curve image

ELISA: Analysis of Human CA125 expression using ARG10156 anti-MUC16 / CA125 antibody [X75] as a capture antibody and biotinylated [ARG10351](#) anti-MUC16 / CA125 antibody [X325] as a detection antibody with purified Human CA125 as antigen to generate the standard curve. Detection is by HRP conjugated streptavidin and substrate. Plasma (green) sample at 1:2 is shown.



ARG10156 anti-MUC16 / CA125 antibody [X75] standard curve image

ELISA: Analysis of Human CA125 expression using [ARG10351](#) anti-MUC16 / CA125 antibody [X325] as a capture antibody and biotinylated ARG10156 anti-MUC16 / CA125 antibody [X75] as a detection antibody with purified Human CA125 as antigen to generate the standard curve. Detection is by HRP conjugated streptavidin and substrate. Plasma (green) sample at 1:2 is shown.