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Anti-MUC16 Reference Antibody (sofituzumab)

Recombinant Antibody
Catalog # APR10755

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q8WXI7
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	1519175

Additional Information

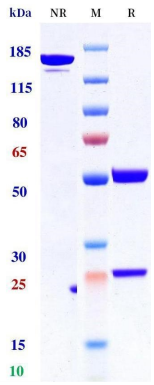
Target/Specificity	MUC16
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

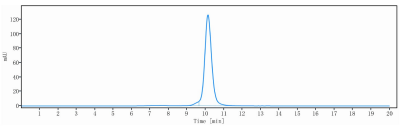
Name	MUC16 (HGNC:15582)
Function	Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Secreted, extracellular space. Note=May be liberated into the extracellular space following the phosphorylation of the intracellular C-terminus which induces the proteolytic cleavage and liberation of the extracellular domain
Tissue Location	Expressed in corneal and conjunctival epithelia (at protein level). Overexpressed in ovarian carcinomas and ovarian low malignant potential (LMP) tumors as compared to the expression in normal ovarian tissue and ovarian adenomas

Images

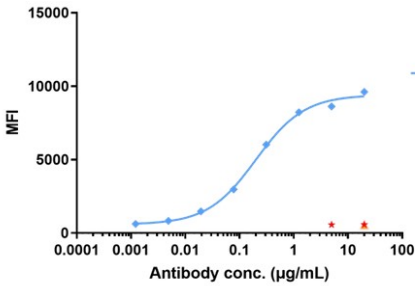
Anti-MUC16 Reference Antibody (sofituzumab) on



SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-MUC16 Reference Antibody (sofituzumab) is 97.45%, determined by SEC-HPLC.



Hela cells were stained with Sofituzumab and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.20 μg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.