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Anti-Mesothelin Reference Antibody (anetumab)

Recombinant Antibody
Catalog # APR10231

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q13421
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	68070

Additional Information

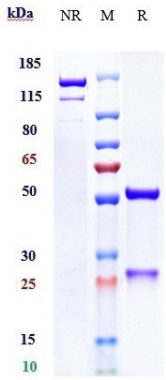
Target/Specificity	Mesothelin
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

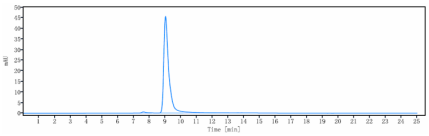
Protein Information

Name	MSLN
Synonyms	MPF
Function	Membrane-anchored forms may play a role in cellular adhesion.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor. Golgi apparatus [Isoform 5]: Secreted.
Tissue Location	Expressed in lung. Expressed at low levels in heart, placenta and kidney. Expressed in mesothelial cells. Highly expressed in mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level).

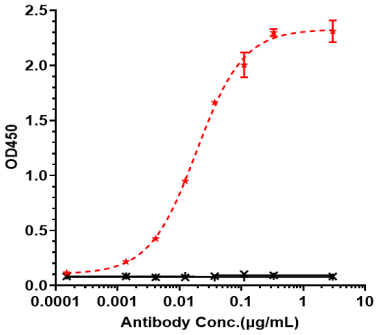
Images

Anti-Mesothelin Reference Antibody (anetumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

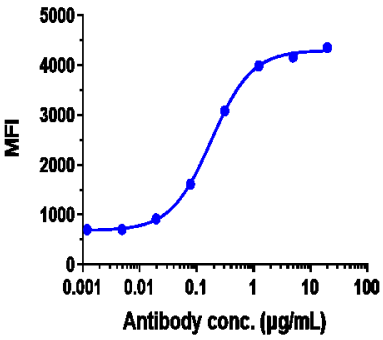




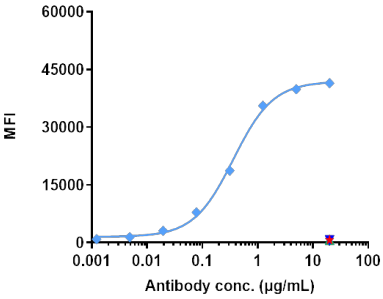
The purity of Anti-Mesothelin Reference Antibody (anetumab) is 98.58%, determined by SEC-HPLC.



Immobilized human Mesothelin His at 2 ug/mL can bind Anti-Mesothelin Reference Antibody (anetumab), EC50=0.01877 ug/mL.

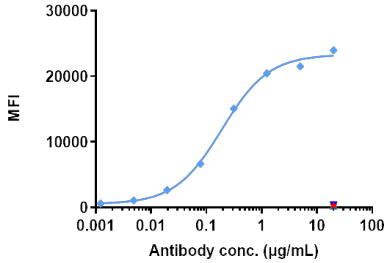


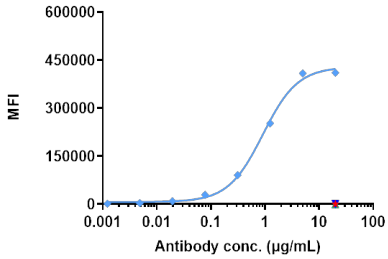
ASPC-1 cells were stained with Anti-Mesothelin Reference Antibody (anetumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.1822 ug/mL.



OVCAR-3 cells were stained with Anti-Mesothelin Reference Antibody (anetumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.365 ug/mL.

NCI-N87 cells were stained with Anti-Mesothelin Reference Antibody (anetumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.192 ug/mL.





Human Mesothelin CHO-K Cell Line were stained with Anti-Mesothelin Reference Antibody (anetumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.915 ug/mL.

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