

Product Datasheet

Anti-mesothelin antibody(DM73), Rabbit mAb (orb757396)

Catalog Number	orb757396
Description	Anti-MSLN antibody(DM73), Rabbit mAb
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, FC, WB
Target	Mesothelin
Form/Appearance	Liquid
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Isotype	Rabbit IgG
Clonality	Monoclonal
Clone Number	DM73
Antibody Type	Recombinant Antibody
Uniprot ID	Q13421

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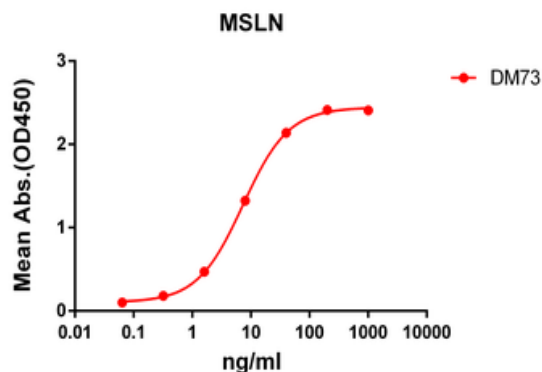
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Cambridge, CB5 8LA, United Kingdom
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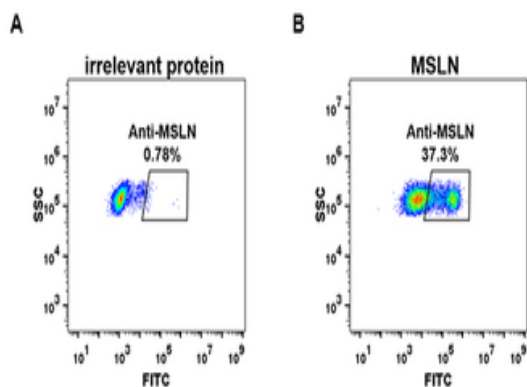
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Dilution Range ELISA 1/5000-10000|Flow Cyt 1/100

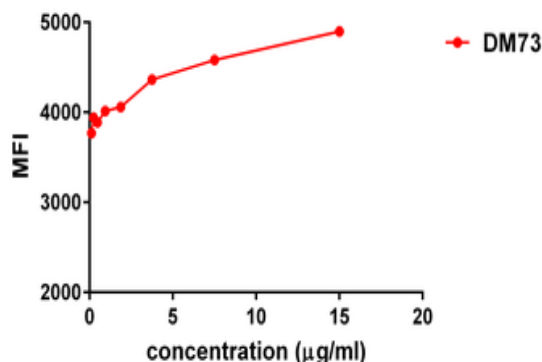
Expiration Date 12 months from date of receipt.



ELISA plate pre-coated by 2 µg/ml (100 µL/well) Human MSLN protein, mFc-His tagged protein orb689392 can bind Rabbit anti-MSLN monoclonal antibody (clone: DM73) in a linear range of 1-100 ng/ml.



Expi 293 cell line transfected with irrelevant protein (A) and human mesothelin (B) were surface stained with Rabbit anti-MSLN monoclonal antibody 1 µg/ml (clone: DM73) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.



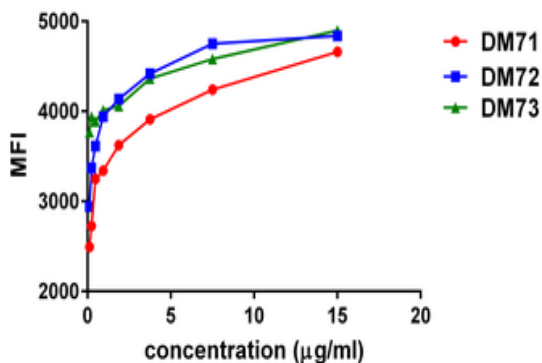
Flow cytometry data of serially titrated Rabbit anti-MSLN monoclonal antibody (clone: DM73) on Hela cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

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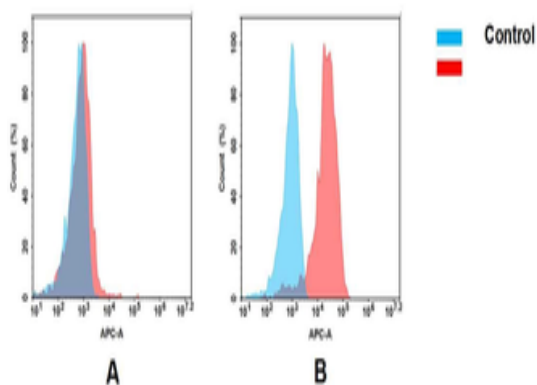
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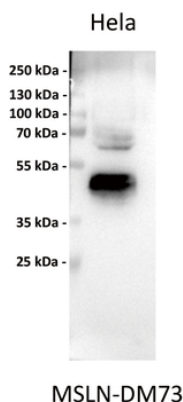
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Affinity ranking of different Rabbit anti-MSLN mAb clones by titration of different concentration onto Hela cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



Flow cytometry analysis of antigen binding of rabbit anti-human Mesothelin mAb (orb757396). (A) orb757396 does not bind to 293T cells that do not express Mesothelin. (B) A clear peak shift of orb757396 was seen compared to the control when incubated with Mesothelin-expressing Hela cells, indicating strong binding of orb757396 to Mesothelin. Antibodies were incubated at 2 µg/mL.



Anti-MSLN antibody (SKU# orb757396) at 1/1000 dilution. Lane: HeLa (human cervical adenocarcinoma epithelial cell), whole cell lysate. Secondary: Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution. Predicted band size: 69 kDa. Observed band size: 50 kDa

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