

Anti-MSLN hlgG1 Reference Antibody (Amabio)

Product Information

Product Name Anti-MSLN hlgG1 Reference Antibody (Amabio)
Storage temp. Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.

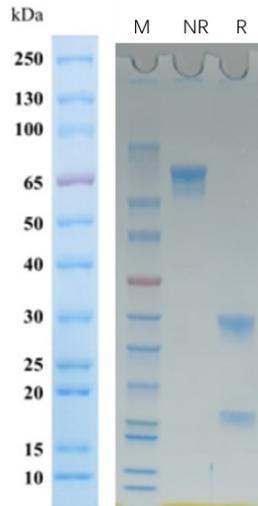
Catalog# / Size
GM-88111MAB-1mg / 1 mg
GM-88111MAB-5mg / 5 mg
GM-88111MAB-25mg / 5 mg*5 vials
GM-88111MAB-50mg / 50 mg
GM-88111MAB-100mg / 50 mg*2 vials

Antibody Information

Expression System CHO
Aggregation < 5% as determined by SEC-HPLC
Purity > 95% as determined by SDS-PAGE
Sterility 0.22 μm Filtered
Clone Amatuximab
Source/Isotype Human IgG1 kappa
Application Flow Cytometry
Specificity Detects MSLN
Gene MSLN
Other Names MPF, SMRP
Gene ID 8741 (human)
Background MSLN is over expressed in several human tumors, including mesothelioma, ovarian cancer, pancreatic adenocarcinoma, lung adenocarcinoma, and cholangiocarcinoma. MSLN is a tumor differentiation antigen that is normally present on the mesothelial cells lining the pleura, peritoneum and pericardium. Since mesothelin is overexpressed in several cancers and is immunogenic, the protein could be exploited as tumor marker or as the antigenic target of a therapeutic cancer vaccine.
Formulation Phosphate-buffered solution, pH 7.2-7.4.
Endotoxin < 1 EU/mg, determined by LAL gel clotting assay

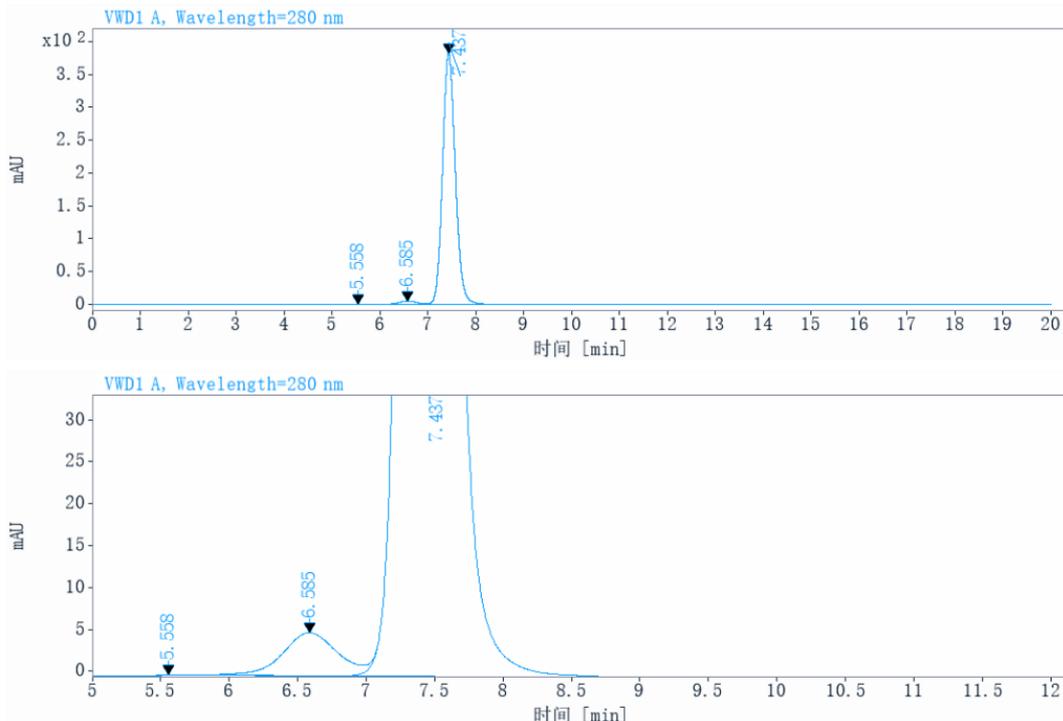
Data Examples

SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

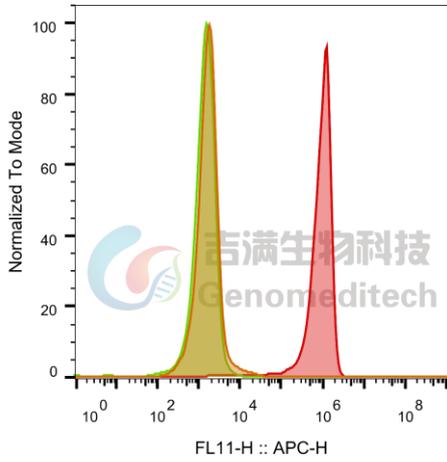
SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC.

Flow cytometry

H_MSLN CHO-K1 Cell Line (Catalog # GM-C18992) was stained with Anti-MSLN hIgG1 Reference Antibody (Amabio) (Catalog # GM-88111MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
CHO-K1 anti-MSLN+APC-2nd Ab	1637
CHO-K1 H_MSLN H_IgG+APC-2nd Ab	1335
CHO-K1 H_MSLN anti-MSLN+APC-2nd Ab	8.10E5

Fig. FACS