

Anti-MUC1(CD227) hIgG1 Reference Antibody (Gatbio)

Product Information

Product Name	Anti-MUC1(CD227) hIgG1 Reference Antibody (Gatbio)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87346MAB-1mg / 1 mg GM-87346MAB-5mg / 5 mg GM-87346MAB-25mg / 25 mg GM-87346MAB-50mg / 50 mg GM-87346MAB-100mg / 100 mg

Antibody Information

Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay
Sterility	0.2 μm Filtered
Target	MUC1(CD227)
Clone	gatipotuzumab
Alternative Names	EMA; MCD; PEM; PUM; KL-6; MAM6; MCKD; PEMT; CD227; H23AG; MCKD1; MUC-1; ADMCKD; ADTKD2; Ca15-3; ADMCKD1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC
Source/Isotype	Human IgG1, Kappa
Application	/
Description	Mucin short variant S1, also called polymorphic epithelial mucin (PEM) or epithelial membrane antigen (EMA), is a mucin encoded by the MUC1 gene in humans. MUC1 is a member of the mucin family and encodes a membrane bound, glycosylated phosphoprotein. MUC1 is a glycoprotein with extensive O-linked glycosylation of its extracellular domain. Mucins line the apical surface of epithelial cells in the lungs, stomach, intestines, eyes and several other organs. Mucins protect the body from infection by pathogen binding to oligosaccharides in the extracellular domain, preventing the pathogen from reaching the cell surface. Overexpression of MUC1 is often associated with colon, breast, ovarian, lung and pancreatic cancers.

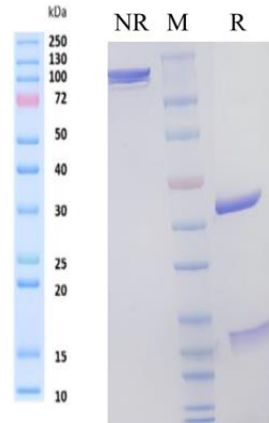
Version:3.1

Formulation

phosphate-buffered solution, pH 7.4.

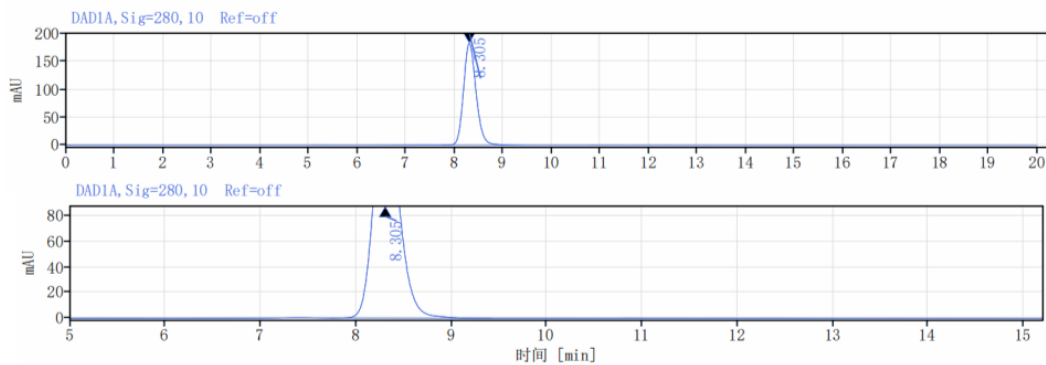
Data Examples

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