Genomeditech (Shanghai) Co.,Ltd.
Order: 021-68455258/50432826/50432825
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Anti-CEACAM5 hIgG1 Reference Antibody （Tusbio)

Product Information

Product Name	Anti-CEACAM5 hIgG1 Reference Antibody（Tusbio)
Storage temp.	Store at 2-8℃ short term (1-2 weeks).Store at ≤ -20℃ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87814MAB-1mg / 1 mg GM-87814MAB-5mg / 5 mg GM-87814MAB-25mg / 25 mg GM-87814MAB-50mg / 50 mg GM-87814MAB-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	CEACAM5
Clone	tusamitamab
Alternative Names	CD66e, CEACAM5; CEA
Source/Isotype	Human IgG1 (KDEL), Kappa
Application	/
Description	Carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5) also known as CD66e (Cluster of Differentiation 66e), is a member of the carcinoembryonic antigen (CEA) gene family. This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants.
Formulation	phosphate-buffered solution, pH 7.4.

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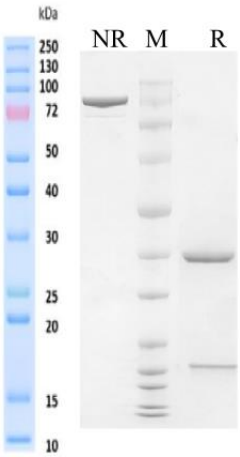
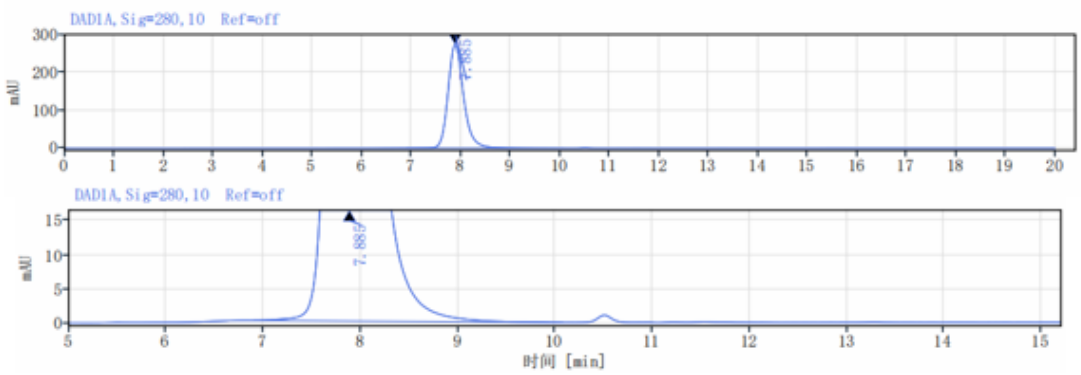
Data Examples

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