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Human CEACAM5 Monoclonal Antibody

Catalog No.: YR0166

Basic Information

Molecular Weight
150 kDa

Endotoxin
<1EU/mg (<0.001EU/μg)Determined by LAL gel clotting assay

Sterility
0.2 μm filtration

Aggregation
<5% Determined by SECP

Purity
>95% Determined by SDS-PAGE

Background

What is tusamitamab biosimilar research grade? Tusamitamab is a humanized IgG1-kappa monoclonal antibody targeting carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5) which is overexpressed in tumors including non-small cell lung cancer (NSCLC) and pancreatic ductal adenocarcinoma (PDAC), and is an attractive target for therapies based on CAR-T cell or/and ADCs. Tusamitamab ravtansine (SAR408701) is an antibody-drug conjugate (ADC) combining a humanized monoclonal antibody and a potent cytotoxic maytansinoid derivative (DM4) inhibiting microtubule assembly. Tusamitamab biosimilar uses the same protein sequences as the therapeutic antibody tusamitamab.

Reported Applications

ELISA,neutralization,functional assays such as bioanalytical P K and ADA assays,and those assays for studying biological pathways

Immunogen Information

Clone
Tusamitamab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human CEACAM5

RecommendedIsotype Control(s)
In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

Recommended Dilution Buffer
1×PBS pH 7.4

Contact

400-999-6126

cn.market@abclonal.com.cn

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Product Information

Production
Purified from cell culture supernatant in an animal-free facility

Purification
Protein A or G purification

Storage
Store at -20℃