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In vivo Grade Recombinant Anti-mouse TIGIT Monoclonal Antibody (Clone: 10A7), Mouse IgG2a Kappa

Catalog No.: YR0382

Basic Information

Molecular Weight
150kDa

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

The 10A7 antibody binds to the TIGIT protein (WUCAM, Vstm3 or VSIG9), a novel immune checkpoint receptor with inhibitory function. TIGIT is expressed on T cells and natural killer (NK) cells, and several human cancers, including melanoma, NSCLC, and colorectal cancer. Similar to PD-1, the TIGIT receptor limits antitumor immune response in cancer.

Reported Applications

ELISA,flow cytometry,neutralization,functional assays such as bioanalytical PK and ADA assays,and those assays for studying biological pathways affected by the mouse TIGIT protein.

Immunogen Information

Clone
10A7

Isotype
Mouse IgG2a

Immunogen

RecommendedIsotype Control(s)

Recommended Dilution Buffer
1×PBS

Contact

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Product Information

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

Purification
Protein A/G

Storage
Store at -20℃