

YR0382

Leader in Biomolecular Solutions for Life Science



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

Catalog No.: YR0382

## Basic Information

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### 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

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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

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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

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### Clone

10A7

### Isotype

Mouse IgG2a

### Immunogen

### Recommended Isotype Control(s)

### Recommended Dilution Buffer

1×PBS

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Production

Purified from cell culture supernatant in an animal-free facility

### Purification

Protein A/G

### Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)