

| Catalog | Unit |
|----------------|--------|
| TBS10318-0.5MG | 0.5 mg |
| TBS10318-1MG | 1 mg |
| TBS10318-5MG | 5 mg |

Description

InVivoMAb Anti-Mouse Cluster of Differentiation 3 epsilon (CD3 ϵ) antibody is a potent tool for in vivo T-cell depletion. In BALB/c mice, administration of this antibody leads to a substantial reduction of circulating T cells, even at very low doses. A single injection of 1 μ g is sufficient to significantly reduce T-cell levels, while higher doses of 20 μ g or 100 μ g result in extensive and near-complete depletion. These characteristics make the antibody an effective reagent for modulating T-cell responses and investigating immune regulation in murine models.

Synonyms

Anti-CD3 ϵ antibody, CD3E-specific antibody, InVivoMAb anti-CD3 ϵ

Product Details

| | |
|----------------------------|---|
| Applications: | Flow Cytometry (FCM), ICC, IHC, IP, T cell stimulation (Reported), T cell depletion (Reported), WB. |
| Species reactivity: | Mouse |
| Host: | Hamster |
| Isotype: | IgG |
| Target: | T-cell surface glycoprotein CD3 epsilon chain, T-cell surface antigen T3/Leu-4 epsilon chain, CD3 ϵ , CD3E, T3E. |
| Uniprot: | P07766 |
| Concentration: | 3 mg/ml |
| Purity: | >95% |
| Formulation: | Liquid |
| Storage buffer: | 0.01M PBS pH 7.4 |
| Purification: | Protein A/G purified from cell culture supernatant. |
| Clonality: | Monoclonal |
| Storage: | Avoid repeated freeze-thaw cycles. Store -20°C up to 12 months, and -80°C for long term. |

Data Image

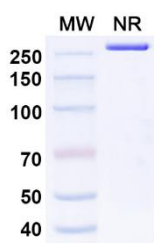


Fig. 1. SDS-PAGE analysis of Anti-Mouse CD3E Antibody

MW: Molecular Weight (kDa) Marker
NR: Non-Reducing conditions

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