

Product Datasheet

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Anti-Mouse CD3 ϵ (Clone 145-2C11)

Purified

Monoclonal Antibody

Product Information

Product No.: C1757
Clone: 145-2C11
RRID: AB_2828823
Isotype: Armenian Hamster IgG
Storage: Sterile 2-8°C

Product Description

Specificity:

Clone 145-2C11 recognizes an epitope on mouse CD3 ϵ .

Antigen Distribution:

CD3 ϵ is primarily expressed on mature T cells and NK-T cells and at different levels on differentiation-dependent thymocytes.

Background:

CD3 ϵ is a 20kDa subunit of the TCR complex and is a transmembrane T-cell surface glycoprotein that belongs to the Ig superfamily. It is one of five polypeptide chains that form the TCR complex by associating with the CD3 δ , γ and ζ chains, in addition to the TCR α/β or γ/δ chains. CD3 is involved in TCR signaling, enumeration of immunocompetent T-lymphocytes in peripheral blood, and signal transduction during antigen recognition.

Known Reactivity Species:

Mouse

Format:

Purified

Immunogen:

H-2Kb-specific mouse cytotoxic T lymphocyte clone BM10-37

Formulation

This purified antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

Storage and Stability

This purified antibody is stable when stored at 2-8°C. **Do not freeze.**

Applications

Applications and Recommended Usage (Quality Tested By Leinco):

FC The suggested concentration for this 145-2C11 antibody for staining cells in flow cytometry is $\leq 1.0 \mu\text{g}$ per 10^6 cells in a volume of 100 μl . Titration of the reagent is recommended for optimal performance for each application.

Other Applications Reported in Literature:

IHC (Frozen) The suggested concentration for this 145-2C11 antibody in IHC staining on frozen tissue is 5.0 - 10 μg per ml. Titration of the reagent is recommended for optimal performance for each application.

IP

Act

B

WB

ICC

Country of Origin

USA

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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