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43-1026: Monoclonal Antibody to Rat CD3 NALE™ Purified (Clone: G4.18)

Clonality : Monoclonal
Clone Name : G4.18
Application : FACS
Reactivity : Rat
Gene : Cd3g
Gene ID : 300678
Uniprot ID : Q64159
Isotype : Mouse IgG3, kappa

Description

The G4.18 monoclonal antibody specifically reacts with rat CD3, a T cell lineage marker and associated with the T cell receptor (TCR). CD3 is involved in antigen recognition, cell activation and signal transduction and is found on subsets of NK-T, peripheral T, dendritic epidermal T, and thymocyte cells. Immobilized G4.18 antibody activates T cells in vitro and in vivo treatments of the G4.18 antibody prevents cardiac and skin allograft rejection.

Product Info

Amount :	500 µg
Purification :	Purified (No Azide Low Endotoxin)
Content :	1 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.