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Antibody to Mouse CD3
RAT MONOCLONAL

Catalog Number: PRP-175ANT
Quantity: 500 micrograms, 1 milligram
Format: Lyophilized
Host: Mouse
Isotype: Rat IgG
Clone: NYRmCD3
Immunogen: Purified mouse LN T cells

Background:

CD3 consists of four peptide chains (gamma, delta, epsilon, and zeta). Defects in CD3 are associated with T-cell immunodeficiency. This complex also mediates signal transduction.

Specificity and Preparation:

Rat anti-mouse CD3 is purified by ion exchange column. Protein concentration is 1 mg/ml in PBS (after reconstitution).

Usage and Storage:

Reported to be effective for cytotoxicity and staining antibody ($10\mu\text{l}/10^6$ cells). Titer for cytotoxicity should be determined by the investigator.

Reconstitute with sterile H₂O. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. In lyophilized form, for long periods, store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Antibody is stable for two years lyophilized, one month in solution at 4°C.

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