Mouse (monoclonal)
Anti-Monkey CD3

PRODUCT ANALYSIS SHEET

Catalog Number: APS0301
Lot Number: See product label
Clone: FN-18
Size: 0.5 mg, lyophilized
Formulation: Lyophilized purified immunoglobulin. Lyophilized from 0.5 mL phosphate buffered saline containing 125 mM trehalose.
Purification: Purified from tissue culture supernatant by ion exchange chromatography. Membrane filtered (0.22 µm).

Myeloma/Fusion Partners: BALB/c mouse spleen cells were fused with SP2/O Ag14 mouse myeloma cells.

Immunogen: Rhesus monkey peripheral blood leukocytes.

Isotype: IgG1

Specificity: The antigen recognized by this monoclonal antibody is the rhesus monkey RhT3 antigen (homologue of the human CD3 antigen) with a molecular mass of 20-25 kDa. This monoclonal antibody reacts with CD3 from Macaca mulatta (rhesus monkey), Macaca arctoides (stumptail monkey), Macaca fascicularis (cynomolgus monkey), Cercocebus atys (sooty mangabey), Cercopithecus aethiops (African green monkey), and Papio anubis (baboon). This antibody does not react with Callithrix jacobus (marmoset), nor does this antibody react with any of the Hominoidea tested (human, chimpanzee, gorilla, and orangutan).

Applications: This antibody is suitable for use in flow cytometry. Use approximately 50 ng to label 1 x 10^6 cells. In mitogenic studies, use approximately 1 µg/mL. For inhibition of Con A/PMA induced proliferation, use approximately 10 µg/mL.

Reconstitution: Reconstitute with 0.5 mL sterile, distilled water. Further dilutions should be made in phosphate buffered saline with 1% BSA.

Storage: Store the lyophilized preparation at 2 to 8°C. Reconstituted antibody should be stored at ≤−20°C in aliquots. Avoid repeated freeze-thaw cycles.

Expiration Date: Expires one year from date of receipt when stored as instructed.

This product is for research use only. Not for use in diagnostic procedures.

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