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.

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