

Technical Data Sheet

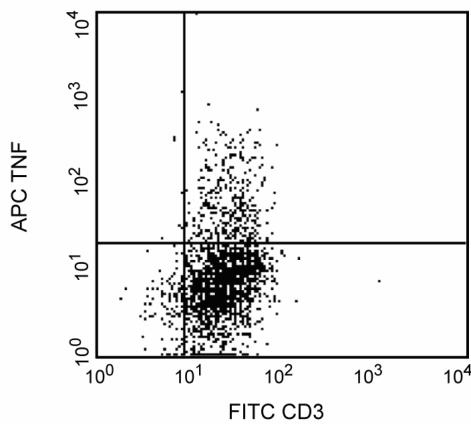
APC Mouse Anti-Human TNF

Product Information

Material Number:	551384
Size:	50 tests
Vol. per Test:	20 µl
Clone:	MAb11
Immunogen:	Recombinant Human TNF
Isotype:	Mouse IgG1, κ
Reactivity:	Human
	QC Testing: Baboon or Cynomolgus or Rhesus
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Clone MAb11 reacts with the human form of tumor necrosis factor (TNF, formerly known as TNF-α) detectable in the cytoplasm of a major subset of activated peripheral blood T lymphocytes. Using standard procedures for detection of intracellular proteins, clone MAb11 also cross-reacts with activated peripheral blood CD3+ lymphocytes of baboon, and both rhesus and cynomolgus macaque monkeys following five-hour treatment with phorbol myristate acetate (PMA) and Ca++ Ionophore (A23187) in the presence of monensin. The staining is restricted to CD3+ T cells and is similar to that observed with peripheral blood T lymphocytes from normal human donors.



Profile of anti-TNF reactivity on PMA-stimulated peripheral blood lymphocytes of rhesus macaque (macaca mulatta) monkey analyzed by flow cytometry

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. The antibody was conjugated to APC under optimum conditions, and unconjugated antibody and free APC were removed. Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

Intracellular staining (flow cytometry)	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
554681	APC Mouse IgG1 κ Isotype Control	0.1 mg	MOPC-21
554715	BD Cytofix/Cytoperm Plus Kit (with BD GolgiStop)	250 tests	(none)

Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1 × 10^6 cells in a 100-µl experimental sample (a test).

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2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Please refer to www.bdbiosciences.com/pharming/en/protocols for technical protocols.
4. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/colors.
5. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
6. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

References

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