

Technical Data Sheet

Purified Mouse Anti-Human TNF

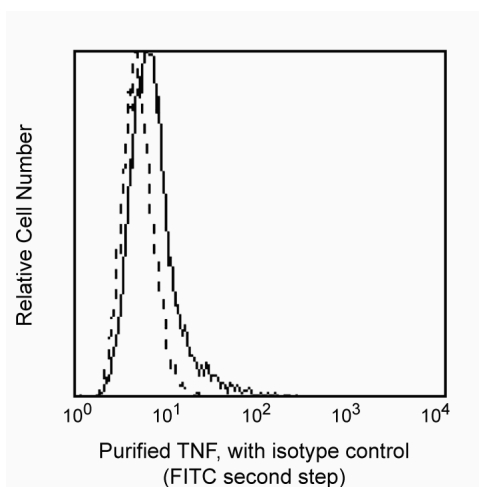
Product Information

Material Number:	558882
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	MAb11
Immunogen:	Recombinant Human TNF
Isotype:	Mouse IgG1, κ
Reactivity:	Reactivity: Human QC Testing: Baboon or Rhesus or Cynomolgus
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ 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.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.



Profile of anti-TNF reactivity on permeabilized peripheral blood lymphocytes of rhesus macaque (macaca mulatta) monkey analyzed by flow cytometry. Second step staining with Cat. No. 555988.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Store undiluted at 4° C.

Application Notes

Application

IC/FCM Block	Routinely Tested
Intracellular staining (flow cytometry)	Tested During Development

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Suggested Companion Products

Catalog Number	Name	Size	Clone
554715	BD Cytotfix/Cytoperm Plus Kit (with BD GolgiStop)	250 tests	(none)
556648	Purified Mouse IgG1 κ Isotype Control	0.1 mg	MOPC-21
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Gt/Ms

Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1 X 10⁶ cells in a 100- μ l experimental sample (a test).
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/pharmingen/colors.
4. 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.
5. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

References

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