

## Product datasheet for **AM26711FC-N**

### TNF alpha (TNF) Mouse Monoclonal Antibody [Clone ID: Mab11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	Mab11
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry analysis</b> of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Reactivity:	Human, Porcine, Primate
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human TNF-alpha
Specificity:	This antibody recognizes human 17-26 kDa cytokine TNF-alpha (tumor necrosis factor alpha).
Formulation:	Phosphate buffered saline (PBS) Label: FITC State: Liquid purified Ig fraction Stabilizer: 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) Preservative: 15 mM sodium azide Label: Conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use.
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor
Database Link:	<a href="#">Entrez Gene 7124 Human P01375</a>



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**Background:** TNF-alpha is a cytokine produced by monocytes, macrophages, neutrophils, NK cells, CD4+ T cells and many transformed cells. It can be expressed as a 17 kDa free molecule, or as a 26 kDa membrane protein. TNF-alpha easily forms stable trimers, but also other multimeric complexes. In the immune system, it is an important regulator, which has cytolytic and cytostatic activity against a range of tumor cells, increases fibroblast proliferation and supports neutrophil chemotaxis and phagocytosis.

**Synonyms:** TNF, TNF-a, TNFA, TNFSF2, Cachectin