

## Product datasheet for **AM26711RP-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:</b> Human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Reactivity:	Human, Porcine, Primate
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human TNF-alpha
Specificity:	The mouse monoclonal antibody MAb11 recognizes 17-26 kDa cytokine TNF-alpha (tumor necrosis factor alpha).
Formulation:	Phosphate buffered saline (PBS) Label: PE 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 R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Conjugation:	PE
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! This products 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>



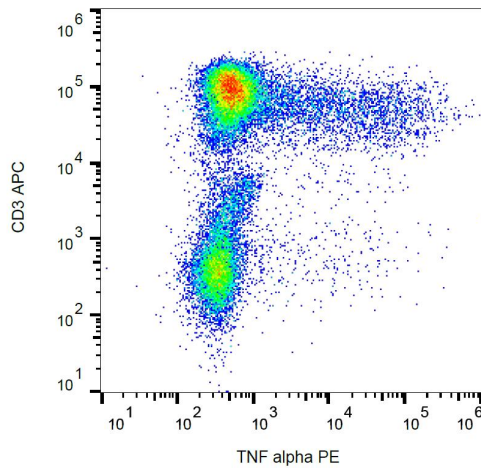
[View online »](#)

**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

**Product images:**

Intracellular staining of activated human peripheral blood with anti-TNF alpha (Mab11) PE.