

Product datasheet for **AM26711PU-N**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	Mab11
Applications:	FC, FN, IF, IHC
Recommended Dilution:	Flow cytometry: Intracellular staining Immunohistochemistry (frozen sections): paraformaldehyde-fixed, saponin-treated frozen tissue sections. Immunocytochemistry. Functional application: Neutralization.
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), pH 7.4 State: Aff - Purified State: Liquid Ig fraction Preservative: 15 mM sodium azide
Concentration:	lot specific
Purification:	Protein-A affinity chromatography (> 95% pure by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor
Database Link:	Entrez Gene 7124 Human P01375



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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