

Product datasheet for **SM2216P**

TNF Mouse Monoclonal Antibody [Clone ID: CC327]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CC327
Applications:	ELISA, FC
Recommended Dilution:	Flow Cytometry: Membrane permeabilisation is required for this application. ELISA: This reagent may be used as a Capture antibody in ELISA assays for bovine TNF alpha in combination with SM2228B as Detection reagent.
Reactivity:	Bovine
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant bovine TNF alpha.
Specificity:	This antibody clone CC327 recognizes Bovine TNF alpha.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction from tissue culture supernatant
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
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.
Database Link:	Entrez Gene 280943 Bovine Q06599



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Background:

Tumor Necrosis Factor alpha (TNF alpha) is a 17.5kDa cytokine, expressed by many different stimulated cell types including monocytes, macrophages, endothelial cells, fibroblasts and both T and B-lymphocytes. The production of TNF alpha is induced by a variety of factors, dependant upon cell type and includes bacterial toxins, IL-1, PDGF, IFN-beta, NGF, Oncostatin M and viral infections. The presence of TNF alpha is responsible for diverse immunomodulatory, anti-tumour and toxic effects and under certain conditions is also capable of self-stimulation and inhibition.

Synonyms:

TNF, TNF-a, TNFA, TNFSF2, Cachectin