

Product datasheet for **SM1464P**

TNF alpha (TNF) Rat Monoclonal Antibody [Clone ID: MP9-20A4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MP9-20A4
Applications:	ELISA, FC, IHC
Recommended Dilution:	Flow Cytometry: Membrane permeabilisation is required for this application. ELISA: 5µg/ml - 10µg/ml. Immunohistochemistry on frozen sections.
Reactivity:	Human
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises Tumour Necrosis Factor - alpha (TNF alpha), also known as TNFSF2. Clone MP9 - 20A4 is reported to act as a blocking antibody. We recommend the use of SM1464A for functional studies.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody 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
Background:	This 17kDa cytokine is expressed by activated macrophages, monocytes, neutrophils, T cells and NK cells.
Synonyms:	TNF, TNF-a, TNFA, TNFSF2, Cachectin



[View online »](#)