TNF
Rat Anti-Mouse TNF-alpha (Clone 6B8) mAb

Catalog No.	CSI11552	**Quantity:**	50 µg
	CSI11553		500 µg
Alternate Names:	Tumor necrosis factor-α, Cachectin, Necrosin, Macrophage cytotoxic factor (MCF), Differentiation inducing factor (DIF), TNFSF-2, TNF-a, TNF-alpha,		
Description:	The 6B8 rat monoclonal antibody recognizes mouse tumor necrosis factor-α (TNF-α). TNF-α is secreted by macrophages, monocytes, neutrophils, T-cells and NK-cells. Many transformed cell lines also secrete TNF-α. Monomeric mouse TNF-α is 156 amino acid protein (N-glycosylated) with a reported molecular weight of 17.5 kDa. TNF-α forms multimeric complexes; stable trimers are most common in solution. A 26 kD membrane form of TNF-α has been described. TNF-α binding to surface receptors elicits a wide array of biologic activities including: cytolysis and cytostasis of many tumor cell lines *in vitro*, hemorraghic necrosis of tumors *in vivo*, increased fibroblast proliferation, and enhanced chemotaxis and phagocytosis in neutrophils.		
Gene ID:	21926		
UniProtKB:	P06804		
Concentration:	1.0 mg/mL		
Conjugate:	Unconjugated		
Specificity:	Mouse and rat TNF-α		
Host:	Rat		
Isotype:	IgG1κ		
Immunogen:	Recombinant mouse TNF-α		
Clone:	6B8		
Formulation:	Liquid in PBS, pH 7.2. No preservative.		
Endotoxin Level:	< 0.1 EU/µg		
Purification:	Affinity Chromatography		
Purity:	>95% by SDS-PAGE		
Applications:	ELISA, ELISPOT		
Recommended Usage:	ELISA: as a capture antibody, recommended concentration range is 2-6 µg/mL. To obtain a linear standard curve, serial dilutions of mouse TNF-α recombinant protein ranging from 500 to 4 pg/mL are recommended. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8 °C. Handle under aseptic conditions. **DO NOT FREEZE.**		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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