

TNF

Mouse Anti-Human TNF-alpha (Clone B-F7) mAb

Catalog No.	CMI030	Quantity:	0.5 mg
Alternate Names:	Tumor Necrosis Factor, Tumor necrosis factor ligand superfamily member 2, Cachetin		
Description:	The monoclonal antibody to human TNF-alpha (clone B-F7) recognizes both native and recombinant human TNF-alpha. The B-F7 antibody is suitable for ELISA and ELISPOT assays.		
UniProt ID:	P01375		
Gene ID:	7124		
Source:	<i>In vitro</i> using serum free medium		
Specificity:	Binds both native and recombinant human TNF-alpha <i>in vitro</i> and <i>in vivo</i> . The antibody does not bind to rodent TNF-alpha.		
Isotype:	Mouse IgG1		
Clone:	B-F7		
Quantitation:	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
Formulation:	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
Purification:	Ion exchange chromatography		
Reconstitution:	Centrifuge vial briefly before opening. Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended). Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	ELISA, ELISPOT: capture antibody Intracellular staining		
Storage & Stability:	Lyophilized product is stable for at least one year at 2-8°C. After reconstitution, the contents can be safely stored at 2-8°C for one month or for one year in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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



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