

## Tnf

### Armenian Hamster Anti-Mouse TNF-alpha (Clone TN3-19.12) mAb, Low Endotoxin, Azide Free

<b>Catalog No.</b>	CSI12348	<b>Quantity:</b>	1.0 mg
<b>Alternate Names:</b>	Tumor necrosis factor- $\alpha$ , Cachectin		
<b>Specificity:</b>	The TN3-19.12 antibody reacts with mouse, rat, and rabbit tumor-necrosis factor- $\alpha$ (TNF- $\alpha$ ). The TN3-19.12 antibody can neutralize the bioactivity of native or recombinant TNF- $\alpha$ and cross reacts with mouse TNF- $\beta$ .		
<b>Source:</b>	Affinity purified from tissue culture supernatant in an animal free facility.		
<b>Immunogen:</b>	<i>E. coli</i> -expressed, recombinant mouse TNF- $\alpha$ , a 17.5 kDa (156 aa) monomer		
<b>Clone:</b>	TN3-19.12		
<b>Isotype:</b>	Armenian Hamster IgG K		
<b>Concentration:</b>	> 3 mg/ml, lot specific		
<b>Volume:</b>	Lot specific		
<b>Total Protein:</b>	Lot specific		
<b>Formulation:</b>	Sterile-filtered PBS, pH 7.0, no carrier protein, stabilizer or preservative.		
<b>Purity:</b>	> 95% by SDS-PAGE		
<b>Endotoxin:</b>	< 2 EU/mg (< 0.002 EU/ $\mu$ g) protein by LAL analysis		
<b>Purification:</b>	Protein G affinity chromatography		
<b>Cross Reactivity:</b>	Rat, Rabbit TNF- $\alpha$ and mouse TNF- $\beta$		
<b>UniProt ID:</b>	P06804		
<b>Applications:</b>	<i>In vivo</i> TNF- $\alpha$ Neutralization, Functional Studies, Flow cytometry		
<b>Handling:</b>	Maintain sterility by using aseptic technique, since the antibody has low endotoxin and contains no preservatives. <b>DO NOT FREEZE ALIQUOTS.</b> A small amount of precipitate may be seen which are typically buffer salts or aggregating protein. Mix gently at room temperature for salt to dissolve, or remove aggregate protein by brief centrifugation.		
<b>Storage &amp; Stability:</b>	Stored undiluted, in the dark at 2-8 °C. With recommended and aseptic handling, antibody is stable for up to 1 year from the date of receipt.		

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