



# Anti-TNF monoclonal antibody, clone Qpmz6270 [Biotin] (CABT-WN1161)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Goat Monoclonal Antibody to Mouse Tnf molecule
<b>Antigen Description</b>	TNF-alpha is secreted by macrophages, monocytes, neutrophils, T-cells (principally CD4+), and NK-cells. Many transformed cell lines also secrete TNF-alpha. Monomeric mouse TNF-alpha is 156 amino acid protein (N-glycosylated) with a reported molecular weight of 17.5 kD protein. TNF-alpha forms multimeric complexes stable trimers are most common in solution. A 26 kD membrane form of TNF-alpha has also been described. TNF-alpha binding to surface receptors elicits a wide array of biologic activities including: cytolysis and cytostasis of many tumor cell lines in vitro, hemorrhagic necrosis of tumors in vivo, increased fibroblast proliferation, and enhanced chemotaxis and phagocytosis in neutrophils. The antibody reacts with mouse and rat tumor necrosis factor-alpha (TNF-alpha).
<b>Target</b>	Tnf
<b>Immunogen</b>	Recombinant mouse TNF-alpha
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse, Rat, Human, Rhesus monkey
<b>Clone</b>	Qpmz6270
<b>Purification</b>	The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.
<b>Conjugate</b>	Biotin
<b>Applications</b>	ELISA(Det)

<b>Format</b>	Phosphate-buffered solution, pH 7.2, containing 0.5% BSA (USA origin) and 0.05% sodium azide.
<b>Size</b>	50 µg
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	4 °C for 1 month, -20 °C or -80 °C in aliquots. Avoid repeated freeze/thaw cycles

## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">7124</a>
<b>UniProt ID</b>	<a href="#">P01375</a>