

## Technical Data Sheet

## Purified NA/LE Rat Anti-Mouse TNF

## Product Information

<b>Material Number:</b>	562179
<b>Alternate Name:</b>	Tnf; Tnfa; TNF alpha; TNF-a; Tnfsf1a; Tnfsf2; TNFSF2; Cachectin; DIF
<b>Size:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Clone:</b>	MP6-XT22
<b>Immunogen:</b>	Recombinant mouse TNF
<b>Isotype:</b>	Rat IgG1
<b>Reactivity:</b>	QC Testing: Mouse
<b>Storage Buffer:</b>	No azide/low endotoxin: Aqueous buffered solution containing no preservative, 0.2µm sterile filtered. Endotoxin level is ≤0.01 EU/µg (≤0.001 ng/µg) of protein as determined by the LAL assay.

## Description

The MP6-XT22 antibody specifically binds to mouse Tumor Necrosis Factor (TNF, also known as TNF-α). The immunogen used to generate this hybridoma was recombinant mouse TNF.

## Preparation and Storage

Store undiluted at 4°C.

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

This preparation contains no preservatives, thus it should be handled under aseptic conditions.

## Application Notes

## Application

Intracellular staining (flow cytometry)	Routinely Tested
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## Suggested Companion Products

Catalog Number	Name	Size	Clone
553921	Purified NA/LE Rat IgG1, κ Isotype Control	0.5 mg	R3-34

## Product Notices

1. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.

## References

Abrams JS, Roncarolo MG, Yssel H, Andersson U, Gleich GJ, Silver JE. Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. *Immunol Rev.* 1992; 127:5-24. (Clone-specific: Blocking, ELISA)

Bitsakis C, Winslow G. Fatal recall responses mediated by CD8 T cells during intracellular bacterial challenge infection. *J Immunol.* 2006; 177(7):4644-4651. (Clone-specific: Blocking)

Yang J, Kawamura I, Zhu H, Mitsuyama M. Involvement of natural killer cells in nitric oxide production by spleen cells after stimulation with Mycobacterium bovis BCG. Study of the mechanism of the different abilities of viable and killed BCG. *J Immunol.* 1995; 155(12):5728-5735. (Clone-specific: Blocking)

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