

# Product Datasheet

## TNF-alpha Antibody (6N1E7) - Azide Free NBP2-27224

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-27224**

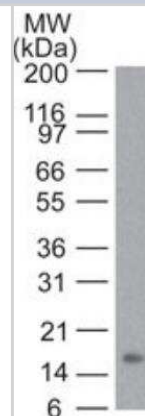
TNF-alpha Antibody (6N1E7) - Azide Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6N1E7
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	0.2 ml sterile PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	7124
<b>Gene Symbol</b>	TNF
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Full-length recombinant human TNF alpha was used as the immunogen for this antibody.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Block/Neutralize, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 2-4ug/ml, Flow Cytometry 1ul/1 million cells, CyTOF-ready, Block/Neutralize

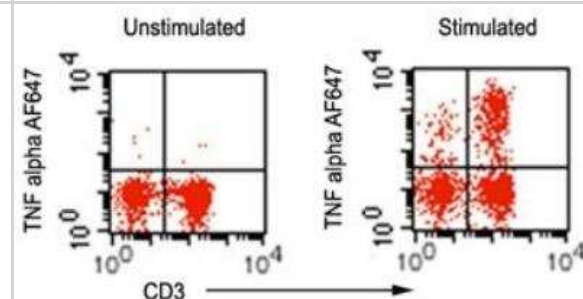


## Images

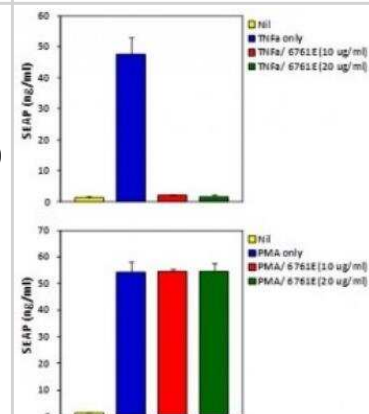
Western Blot: TNF-alpha Antibody (6N1E7) - Azide Free [NBP2-27224] - Analysis of TNF alpha recombinant protein using TNF alpha antibody at 3 ug/ml. Goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Flow Cytometry: TNF-alpha Antibody (6N1E7) - Azide Free [NBP2-27224] - Human PBMC were stimulated with PMA (10 ng/ml) and Ionomycin (500 ng/ml) for 5h in presence of Brefeldin A. At the end of stimulation, cells were surface stained with before testing with by intracellular staining. Fixed and permeabilized cells were incubated with 10 ul (0.5 ug) of TNF antibody (or ) for 30 minutes on ice. Lymphocyte population was gated for analysis to show TNF alpha positive T cells.



Blocking/Neutralizing: TNF-alpha Antibody (6N1E7) - Azide Free [NBP2-27224] - Validation of inhibitory effects of TNF alpha antibody on TNF alpha activity in the cell line. NF-kB/SEAPorter cells were plated in 96-well plate at  $5 \times 10^4$  cells per well for 16 h. Cells were pre-incubated with TNF alpha antibody at 10 and 20 ug/ml for 1 hr, then treated with 10 ng/ml TNF alpha or 10 ng/ml PMA. After 24h, the secreted alkaline phosphatase (SEAP) was analyzed using the SEAPorterAssay Kit .





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### **Products Related to NBP2-27224**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-27224APC	TNF-alpha Antibody (6N1E7) [Allophycocyanin]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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