

Product Datasheet

TNF-alpha Antibody (6N1E7) - BSA Free NBP2-27223

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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NBP2-27223

TNF-alpha Antibody (6N1E7) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6N1E7
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS

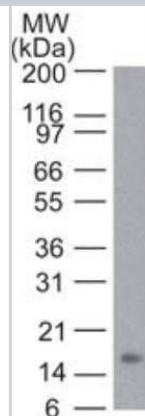
Product Description	
Host	Mouse
Gene ID	7124
Gene Symbol	TNF
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24745035).
Immunogen	Full-length recombinant human TNF alpha was used as the immunogen for this antibody.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Inhibition Activity
Recommended Dilutions	Western Blot 2-4ug/ml, Flow Cytometry 0.5 - 2 ug/10 ⁶ cells, Inhibition Activity

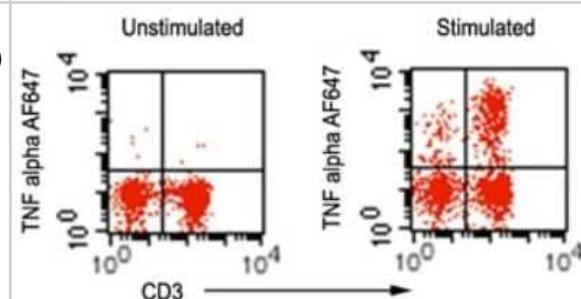


Images

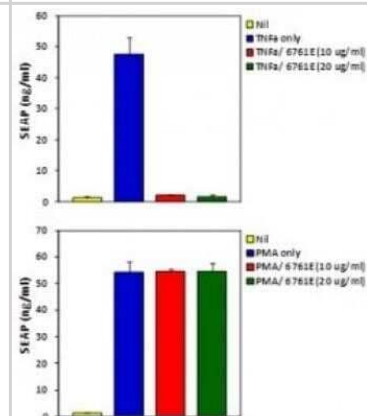
Western Blot: TNF-alpha Antibody (6N1E7) [NBP2-27223] - Analysis using Azide Free version of NBP2-27223. TNF alpha recombinant protein using TNF alpha antibody at 3 ug/mL. Goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Flow Cytometry: TNF-alpha Antibody (6N1E7) [NBP2-27223] - 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 before testing by intracellular staining. Fixed and permeabilized cells were incubated with 10 uL (0.5 ug) of TNF- alpha antibody for 30 minutes on ice. Lymphocyte population was gated for analysis to show TNF alpha positive T cells.



Inhibition Activity: TNF-alpha Antibody (6N1E7) [NBP2-27223] - 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 5×10^4 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 . Image using the Azide Free format of this antibody.



Publications

Sikder K, Kesh SB, Das N et al. High antioxidative power of quercetin (aglycone flavonoid) and its glycone (rutin) avert high cholesterol diet induced hepato toxicity and inflammation in Swiss albino mice. Food Funct 2014-04-19 [PMID: 24745035]



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Products Related to NBP2-27223

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]

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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