

# Product Datasheet

## TNF-alpha Antibody (52B83) - BSA Free NBP2-48484

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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Updated 9/9/2025 v.20.1

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**NBP2-48484**

TNF-alpha Antibody (52B83) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<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>	52B83
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS

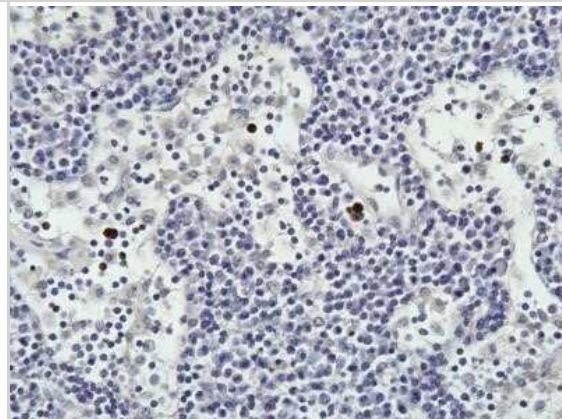
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse TNF-alpha Antibody (52B83) - BSA Free (NB600-1422) is a monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	7124
<b>Gene Symbol</b>	TNF
<b>Species</b>	Human, Mouse, Guinea Pig, Monkey, Rabbit, Sheep
<b>Reactivity Notes</b>	Expected cross reactivity based on sequence identity: Guinea pig, Rhesus Monkey, Mouse. Sheep reactivity reported from a verified customer review.
<b>Specificity/Sensitivity</b>	This detects both natural and recombinant TNF alpha. It does not cross-react with TNF beta or lymphotoxin. Non-specific background staining is observed in connective tissues.
<b>Immunogen</b>	The monoclonal antibody 52B83 reacts with tumor necrosis factor alpha (TNF-alpha).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, CyTOF-ready
<b>Application Notes</b>	TNF-alpha is normally secreted as a homotrimer with a molecular mass of 52 kDa. Monomeric TNF-alpha (17.4 kDa) is not biologically active.



## Images

Immunohistochemistry: TNF-alpha Antibody (52B83) - BSA Free [NBP2-48484] - TNF alpha in sheep tonsil FFPE. Image from verified customer review.





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### **Products Related to NBP2-48484**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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