

# Product Datasheet

## TNF-alpha Antibody (cA2 (Infliximab)) - Chimeric - Azide and BSA Free NBP2-52655-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-52655-0.2mg**

TNF-alpha Antibody (cA2 (Infliximab)) - Chimeric - Azide and BSA Free

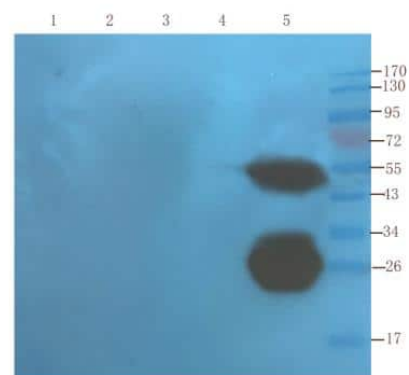
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	cA2 (Infliximab)
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	7124
Gene Symbol	TNF
Species	Human
Specificity/Sensitivity	Binds to soluble and transmembrane forms of TNF-alpha and neutralizes its biological activity. Does not bind to TNF-beta.
Immunogen	Purified recombinant human TNF (rTNF).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, In vivo assay, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, In vivo assay, CyTOF-ready
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Images**

Western Blot: TNF-alpha Antibody (cA2 (Infliximab)) [NBP2-52655] - Western Blot using anti-TNF alpha antibody. Mouse liver (lane 1), mouse spinal cord (lane 2), mouse testis (lane 3), mouse colon (lane 4) and human thyroid tumour (lane 5) samples were resolved on a 10% SDS PAGE gel and blots probed at 1.5 ug/ml before being detected by a secondary antibody. The expected band size (269 kDa) is seen in the human-derived samples, as well as a band corresponding to dimers.



**Publications**

Xu Y, Cohen E, Johnson CN et al. Keratin 17- and PKC $\beta$ -dependent transient amplification of neutrophil influx after repeated stress to the skin bioRxiv : the preprint server for biology 2023-10-14 [PMID: 37873256]

Jobin PG, Solis N, Machado Y et al. Moonlighting matrix metalloproteinase substrates: Enhancement of proinflammatory functions of extracellular tyrosyl-tRNA synthetase upon cleavage J. Biol. Chem. 2019-11-26 [PMID: 31771979] (Human)

Jobin PG, Solis N, Machado Y et al. Matrix metalloproteinases inactivate the proinflammatory functions of secreted moonlighting tryptophanyl-tRNA synthetase J. Biol. Chem. 2019-07-19 [PMID: 31324718]





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### **Products Related to NBP2-52655-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-35076-10ug	Recombinant Human TNF-alpha Protein
M6000B-1	IL-6 [HRP]

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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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