

Product Datasheet

TNF-alpha Antibody [CoraFluor™ 1] AF-510-NACL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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AF-510-NACL1

TNF-alpha Antibody [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Antigen Affinity-purified
Buffer	PBS
Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Goat
Gene ID	7124
Gene Symbol	TNF
Species	Rat
Specificity/Sensitivity	Detects rat TNF- α in direct ELISAs and Western blots. In Western blots, approximately 25% cross-reactivity with recombinant porcine TNF- α is observed and less than 1% cross-reactivity with recombinant human (rh) TNF- β , rhTNF sRI, and rhTNF sRII is observed. In direct ELISAs, approximately 40% cross-reactivity with recombinant canine TNF- α , recombinant feline TNF- α , and recombinant rhesus macaque TNF- α is observed. Neutralizes the biological activity of rat TNF- α . This antibody will also neutralize the biological activity of murine TNF- α , but weak neutralization of rhTNF- α and no neutralization of rhTNF- β was observed.
Immunogen	<i>E. coli</i> -derived recombinant rat TNF- α Leu80-Leu235 Accession # P16599
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254
Product Application Details	



Applications	Western Blot, Immunocytochemistry, Neutralization
Recommended Dilutions	Western Blot, Neutralization, Immunocytochemistry
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to AF-510-NACL1

NBP2-35076-10ug	Recombinant Human TNF-alpha Protein
M6000B-1	IL-6 [HRP]
210-TA-005	TNF-alpha [Unconjugated]
201-LB-005	IL-1 beta/IL-1F2 [Unconjugated]

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

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