

Product Datasheet

TNF-alpha Antibody (52B83) [FITC] NBP1-51502

Unit Size: 0.025 mg

Store at 4C in the dark.

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NBP1-51502

TNF-alpha Antibody (52B83) [FITC]

Product Information

| | |
|----------------------|---|
| Unit Size | 0.025 mg |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | 52B83 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | FITC |
| Purity | Protein G purified |
| Buffer | PBS, 1.0% BSA |

Product Description

| | |
|--------------------------------|--|
| Host | Mouse |
| Gene Symbol | TNF |
| Species | Human, Mouse, Guinea Pig, Monkey, Rabbit, Sheep |
| Reactivity Notes | Rabbit reactivity reported in scientific literature (PMID: 28114570). Expected cross reactivity based on sequence identity: Guinea pig, Rhesus Monkey, Mouse. Sheep reactivity reported from a verified customer review. |
| Specificity/Sensitivity | This detects both natural and recombinant TNF alph. It does not cross-react with TNF beta or lymphotoxin. Non-specific background staining is observed in connective tissues. |
| Immunogen | The monoclonal antibody 52B83 reacts with tumor necrosis factor alpha (TNF-alpha). |

Product Application Details

| | |
|------------------------------|---|
| Applications | Flow Cytometry, Immunoassay, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoassay |

Images

TNF-alpha Antibody (52B83) [FITC] [NBP1-51502] - Vial of FITC conjugated antibody. FITC is optimally excited at 498 nm by the Blue laser (488 nm) and has an emission maximum of 519 nm.



FITC

| LASER (nm) | FILTER |
|---------------------|-------------------|
| Blue (488) | 525/50 |
| EXCITATION MAX (nm) | EMISSION MAX (nm) |
| 498 | 519 |

Publications

Zhou C, Lei F, Mittermaier M et al. Opposing Roles of Blood-Borne Monocytes and Tissue-Resident Macrophages in Limbal Stem Cell Damage after Ocular Injury Cells 2023-08-18 [PMID: 37626899] (IHC)

Paschalis EI, Lei F, Zhou C et al. The Role of Microglia and Peripheral Monocytes in Retinal Damage Following Corneal Chemical Injury. Am J Pathol 2018-04-06 [PMID: 29630857] (IF/IHC)

Details:

This citation used the FITC version of this antibody.

Zhou C, Robert MC, Kapoulea V et al. Sustained Subconjunctival Delivery of Infliximab Protects the Cornea and Retina Following Alkali Burn to the Eye. Invest. Ophthalmol. Vis. Sci. 2017-01-01 [PMID: 28114570] (IF/IHC, Rabbit)

Details:

This citation used the FITC version of this antibody.





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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

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