

Product Datasheet

TNF-alpha Antibody (4C6-H8) - Azide and BSA Free NBP2-34539-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-34539-0.1mg

TNF-alpha Antibody (4C6-H8) - Azide and BSA Free

| Product Information | |
|-------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | 1.0 mg/ml |
| Storage | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 4C6-H8 |
| Preservative | No Preservative |
| Isotype | IgM Kappa |
| Purity | Protein L or PEG purified |
| Buffer | 10 mM PBS |
| Target Molecular Weight | 17 kDa |

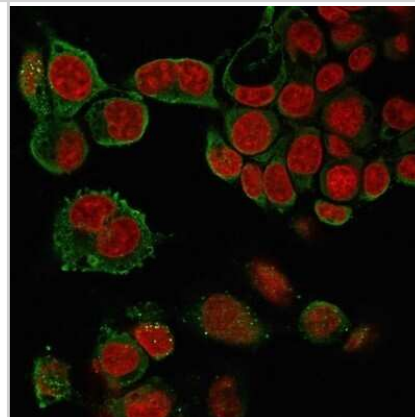
| Product Description | |
|---------------------|--|
| Description | 1.0 mg/ml of antibody purified from Bioreactor Concentrate. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-34301). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host | Mouse |
| Gene ID | 7124 |
| Gene Symbol | TNF |
| Species | Human, Mouse, Rat, Canine, Feline, Rabbit, Zebrafish |
| Immunogen | A hexadecapeptide corresponding to aa115-130 (NGVELRDNQLVVPSEG) of human TNF-alpha , conjugated to thyroglobulin (Uniprot: P01375) |

| Product Application Details | |
|-----------------------------|--|
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions | Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2ug/ml, Immunohistochemistry-Paraffin 1-2ug/ml, CyTOF-ready |
| Application Notes | Immunohistochemistry (Formalin-fixed): 2-4ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris Buffer with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |

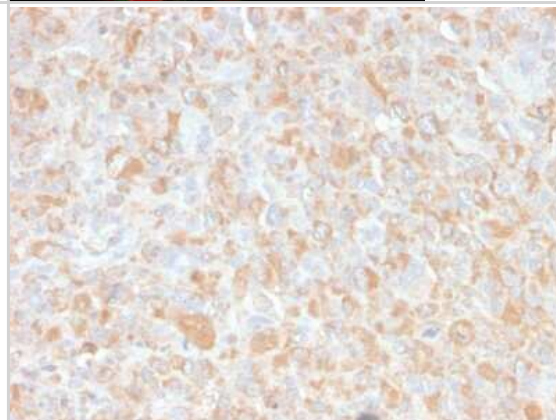


Images

Immunocytochemistry/Immunofluorescence: TNF-alpha Antibody (4C6-H8) - Azide and BSA Free [NBP2-34539] - Immunofluorescence staining of paraformaldehyde-fixed HePG2 cells with TNF-alpha Antibody (4C6-H8) followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are labeled with Red Dot (Red).



Immunohistochemistry-Paraffin: TNF-alpha Antibody (4C6-H8) - Azide and BSA Free [NBP2-34539] - Formalin-fixed, paraffin-embedded human Histiocytoma stained with TNF-alpha Antibody (4C6-H8).



Publications

Li W, Abdul Y, Chandran R et al. Deferoxamine prevents poststroke memory impairment in female diabetic rats: potential links to hemorrhagic transformation and ferroptosis American journal of physiology. Heart and circulatory physiology 2022-12-23 [PMID: 36563009]

Abdul Y, Li W, Ward R et al Deferoxamine Treatment Prevents Post-Stroke Vasoregression and Neurovascular Unit Remodeling Leading to Improved Functional Outcomes in Type 2 Male Diabetic Rats: Role of Endothelial Ferroptosis Transl Stroke Res 2020-09-03 [PMID: 32875455]

Details:

Citation using the Azide and BSA Free version of this antibody.



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Products Related to NBP2-34539-0.1mg

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96975-0.5mg | Mouse IgM Kappa Light Chain Isotype Control (MMK) |
| NBP2-35076-10ug | Recombinant Human TNF-alpha Protein |

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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