

# Product Datasheet

## TNF-alpha Antibody (TNFA/1172) - Azide and BSA Free NBP2-47675-0.1mg

Unit Size: 0.1 mg

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

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Updated 7/16/2024 v.20.1

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**NBP2-47675-0.1mg**

TNF-alpha Antibody (TNFA/1172) - 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                   | TNFA/1172                                       |
| Preservative            | No Preservative                                 |
| Isotype                 | IgM Kappa                                       |
| Purity                  | Protein L or PEG purified                       |
| Buffer                  | 10 mM PBS                                       |
| Target Molecular Weight | 17 kDa                                          |

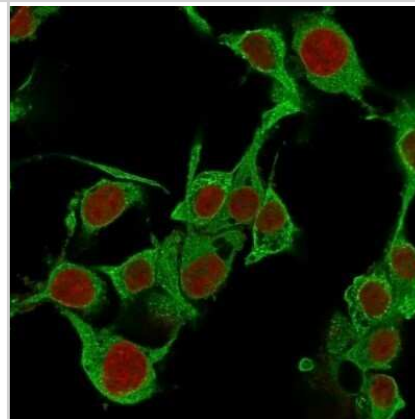
| Product Description |                                                                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 (NBP2-45331).<br><br>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, Rat                                                                                                                                                                                                                                                     |
| Immunogen           | Recombinant full-length human TNF-alpha protein (Uniprot: P01375)                                                                                                                                                                                              |

| Product Application Details |                                                                                                                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence                                                                                                                                                           |
| Recommended Dilutions       | Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 2 - 4ug/ml, Immunofluorescence 1 - 2 ug/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 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. |

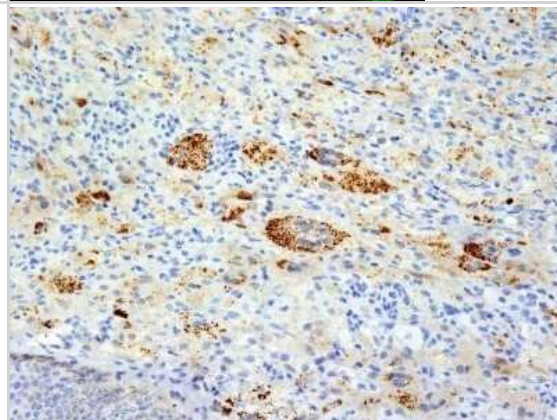


## Images

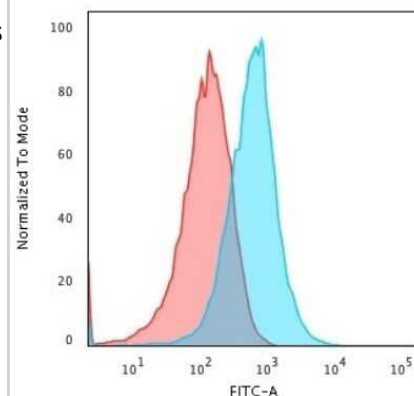
Immunocytochemistry/Immunofluorescence: TNF-alpha Antibody (TNFA/1172) - Azide and BSA Free [NBP2-47675] - Immunofluorescence Analysis of PFA-fixed HePG2 cells labeling TNF-alpha with TNF-alpha Antibody (TNFA/1172) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Red Dot.



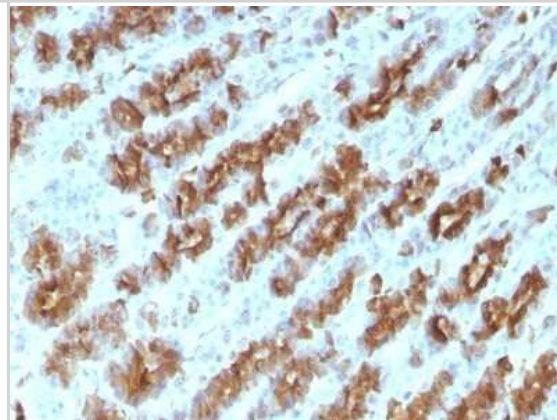
Immunohistochemistry-Paraffin: TNF-alpha Antibody (TNFA/1172) - Azide and BSA Free [NBP2-47675] - Human Erdheim Chester disease (also known as xanthogranuloma) stained with TNF alpha Monoclonal Antibody (TNFA/1172).



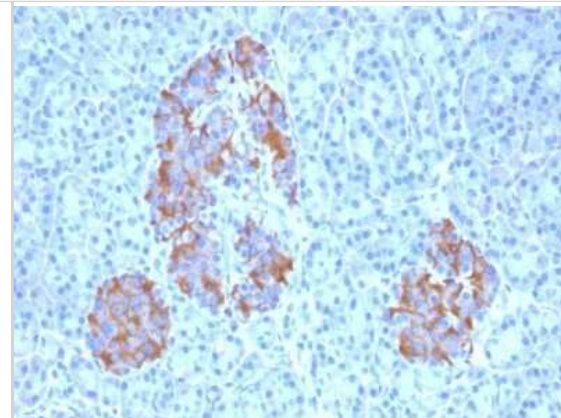
Flow Cytometry: TNF-alpha Antibody (TNFA/1172) - Azide and BSA Free [NBP2-47675] - Flow Cytometric Analysis of PFA-fixed HePG2 cells using TNF-alpha Antibody (TNFA/1172). followed by Goat anti-Mouse-IgG-CF488 (Blue); Isotype Control (Red).



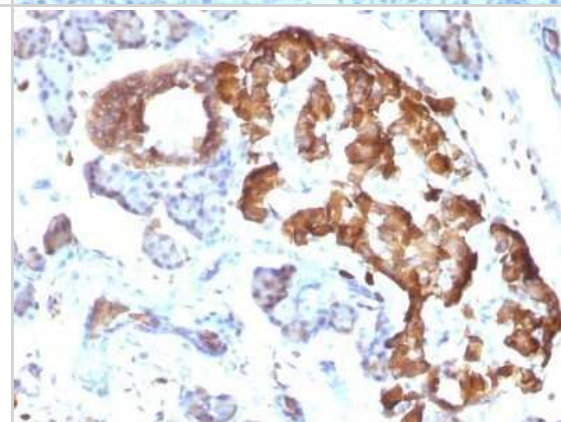
Immunohistochemistry-Paraffin: TNF-alpha Antibody (TNFA/1172) - Azide and BSA Free [NBP2-47675] - Rat Stomach stained with TNF alpha Monoclonal Antibody (TNFA/1172)



Immunohistochemistry-Paraffin: TNF-alpha Antibody (TNFA/1172) - Azide and BSA Free [NBP2-47675] - Formalin-fixed, paraffin-embedded human Pancreas stained with TNF-alpha Antibody (TNFA/1172).



Immunohistochemistry-Paraffin: TNF-alpha Antibody (TNFA/1172) - Azide and BSA Free [NBP2-47675] - Rat Pancreas stained with TNF alpha Monoclonal Antibody (TNFA/1172)



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**Products Related to NBP2-47675-0.1mg**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| 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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