

Product Datasheet

Catalase Antibody (OTI1B8) - Azide and BSA Free NBP2-70342

Unit Size: 100 ug

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

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NBP2-70342

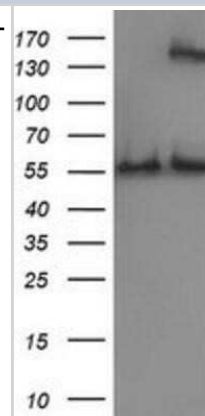
Catalase Antibody (OTI1B8) - Azide and BSA Free

| Product Information | |
|-----------------------------|---|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OTI1B8 |
| Preservative | No Preservative |
| Reconstitution Instructions | we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. |
| Isotype | IgG1 |
| Purity | Immunogen affinity purified |
| Buffer | Lyophilized from PBS (pH 7.3) with 8% Trehalose |
| Target Molecular Weight | 59.6 kDa |
| Product Description | |
| Description | Novus Biologicals Mouse Catalase Antibody (OTI1B8) - Azide and BSA Free (NBP2-00492) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 847 |
| Gene Symbol | CAT |
| Species | Human, Mouse, Rat, Monkey, Primate |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen | Full length human recombinant protein of human CAT (NP_111743) produced in HEK293T cell. |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready |
| Recommended Dilutions | Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150, CyTOF-ready |

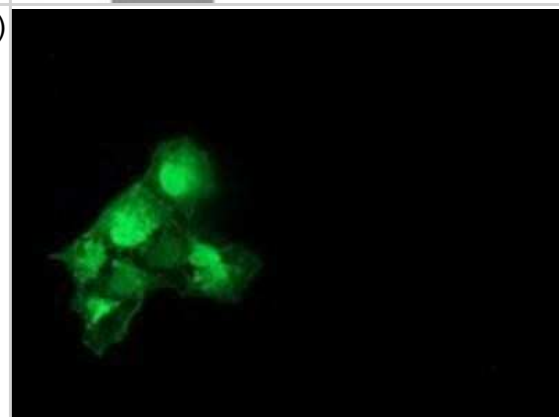


Images

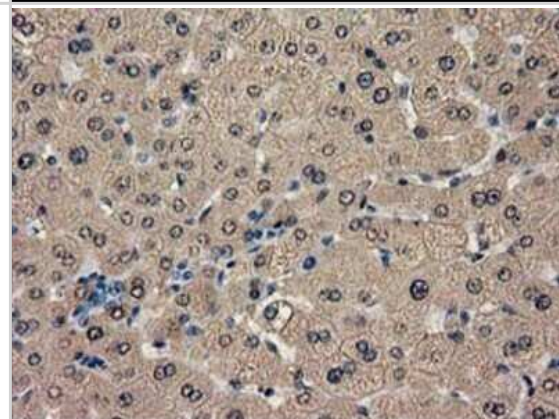
Western Blot: Catalase Antibody (OT11B8) - Azide and BSA Free [NBP2-70342] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Catalase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Catalase.



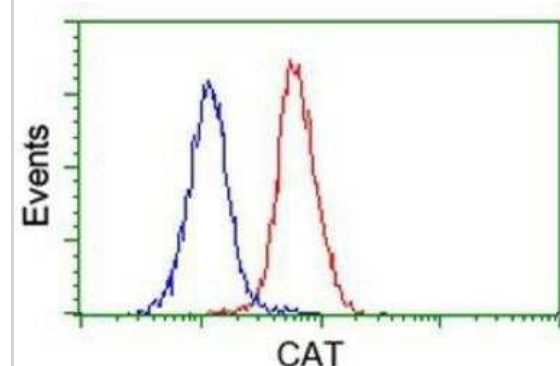
Immunocytochemistry/Immunofluorescence: Catalase Antibody (OT11B8) - Azide and BSA Free [NBP2-70342] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Catalase.



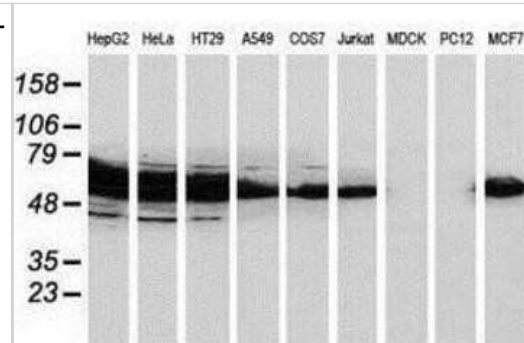
Immunohistochemistry: Catalase Antibody (OT11B8) - Azide and BSA Free [NBP2-70342] - Staining of paraffin-embedded Human liver tissue using anti-Catalase mouse monoclonal antibody.



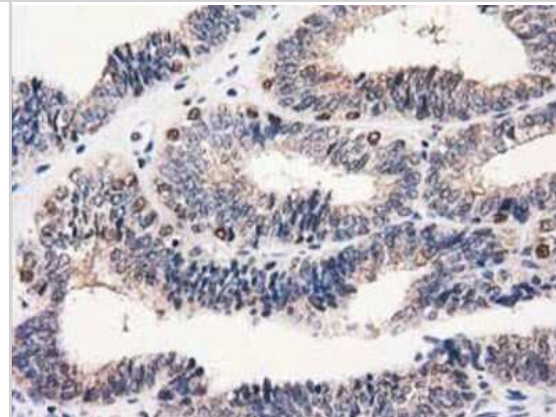
Flow Cytometry: Catalase Antibody (OT11B8) - Azide and BSA Free [NBP2-70342] - Analysis of Jurkat cells, using anti-Catalase antibody, (Red), compared to a nonspecific negative control antibody (Blue).



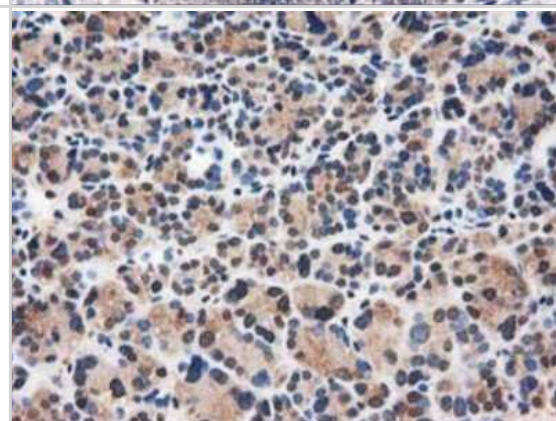
Western Blot: Catalase Antibody (OT11B8) - Azide and BSA Free [NBP2-70342] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Catalase monoclonal antibody.



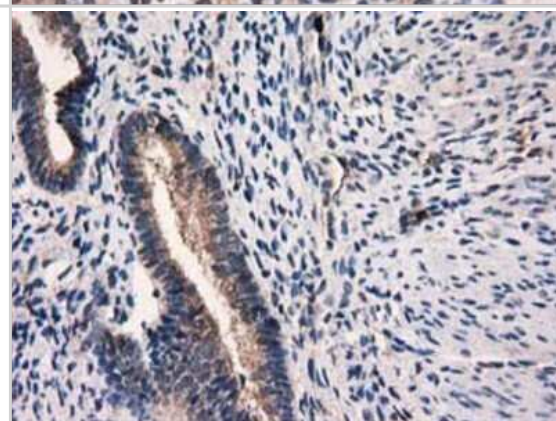
Immunohistochemistry: Catalase Antibody (OT11B8) - Azide and BSA Free [NBP2-70342] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Catalase mouse monoclonal antibody.



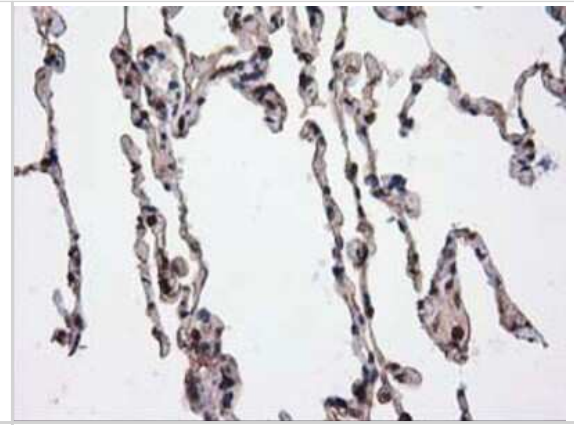
Immunohistochemistry: Catalase Antibody (OT11B8) - Azide and BSA Free [NBP2-70342] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-Catalase mouse monoclonal antibody.



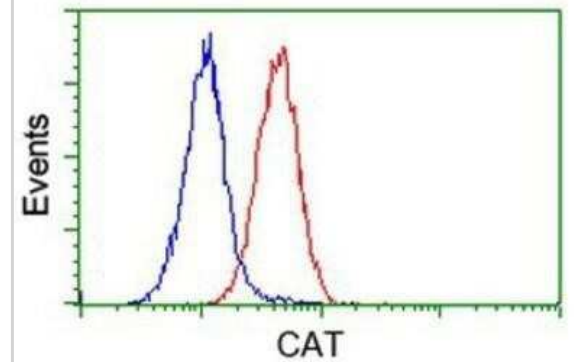
Immunohistochemistry: Catalase Antibody (OT11B8) - Azide and BSA Free [NBP2-70342] - Staining of paraffin-embedded Human endometrium tissue using anti-Catalase mouse monoclonal antibody.



Immunohistochemistry: Catalase Antibody (OTI1B8) - Azide and BSA Free [NBP2-70342] - Staining of paraffin-embedded Human lung tissue using anti-Catalase mouse monoclonal antibody.



Flow Cytometry: Catalase Antibody (OTI1B8) - Azide and BSA Free [NBP2-70342] - Analysis of Hela cells, using anti-Catalase antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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Products Related to NBP2-70342

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NBP1-98907-100ug | Recombinant Human Catalase His 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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