

# Product Datasheet

## ALDH2 Antibody (OTI4H2) - Azide and BSA Free NBP2-70151

Unit Size: 100 ug

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

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### Publications: 1

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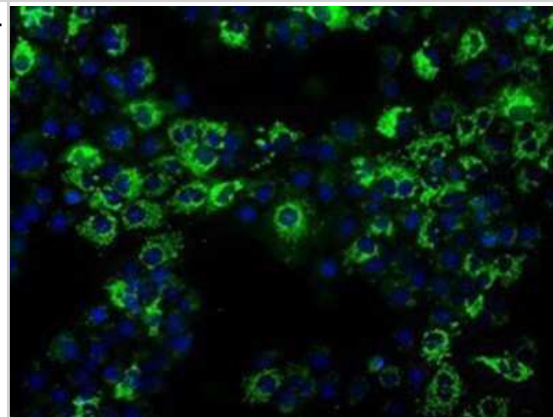
**NBP2-70151**

ALDH2 Antibody (OTI4H2) - Azide and BSA Free

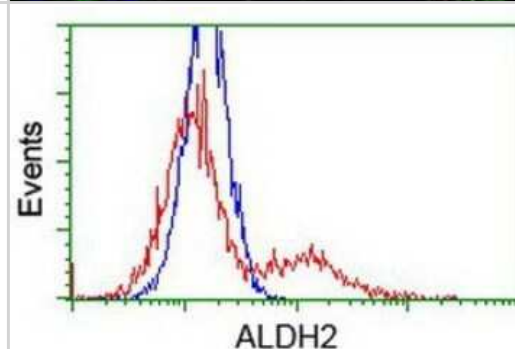
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4H2
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG3
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	54.4 kDa
Product Description	
Host	Mouse
Gene ID	217
Gene Symbol	ALDH2
Species	Human, Mouse, Rat
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 ALDH2 (NP_000681) produced in HEK293T cell.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:50-100, CyTOF-ready

## Images

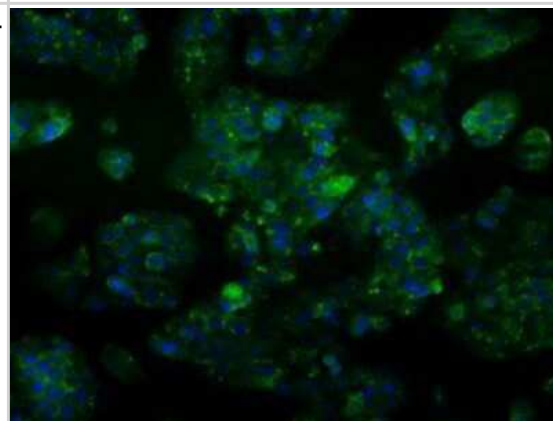
Immunocytochemistry/Immunofluorescence: ALDH2 Antibody (OTI4H2) - Azide and BSA Free [NBP2-70151] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY ALDH2.



Flow Cytometry: ALDH2 Antibody (OTI4H2) - Azide and BSA Free [NBP2-70151] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-ALDH2 antibody, and then analyzed by flow cytometry.



Immunocytochemistry/Immunofluorescence: ALDH2 Antibody (OTI4H2) - Azide and BSA Free [NBP2-70151] - Staining of HepG2 cells using anti-ALDH2 mouse monoclonal antibody.



## Publications

Wang Z, Shen J, Ye K et al. Neutrophil-Derived IL-6 Potentially Drives Ferroptosis Resistance in B Cells in Lupus Kidney Mediators of Inflammation 2023-05-27 [PMID: 37273451] (ICC/IF, Mouse)



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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.

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