

# Product Datasheet

## alcohol dehydrogenase 1B Antibody (OTI4F12) NBP2-00649

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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**NBP2-00649**

alcohol dehydrogenase 1B Antibody (OTI4F12)

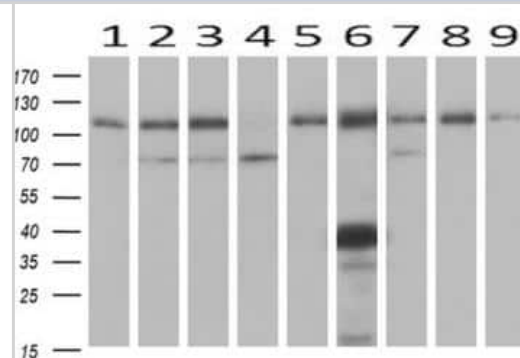
Product Information	
Unit Size	0.1 ml
Concentration	0.89 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4F12
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	39.7 kDa

Product Description	
Description	Novus Biologicals Mouse alcohol dehydrogenase 1B Antibody (OTI4F12) (NBP2-00649) 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	125
Gene Symbol	ADH1B
Species	Human, Rat, Canine
Immunogen	Full length human recombinant protein of human ADH1B (NP_000659) produced in HEK293T cell.

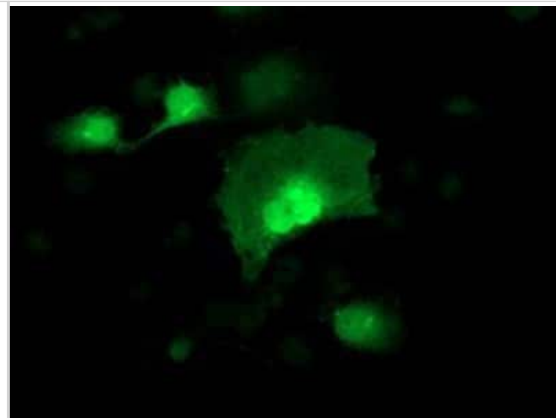
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

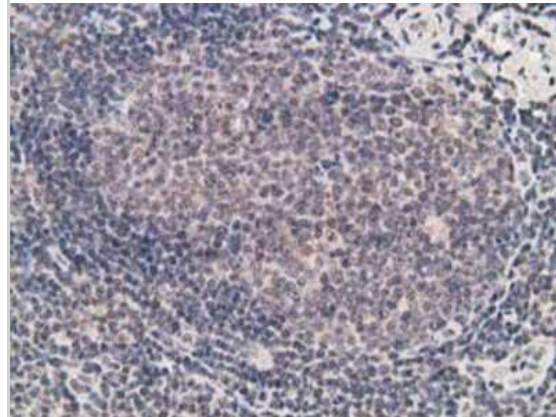
Western Blot: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Analysis of extracts (10ug) from 9 Human tissue by using anti-ADH1B monoclonal antibody at 1:1000 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon).



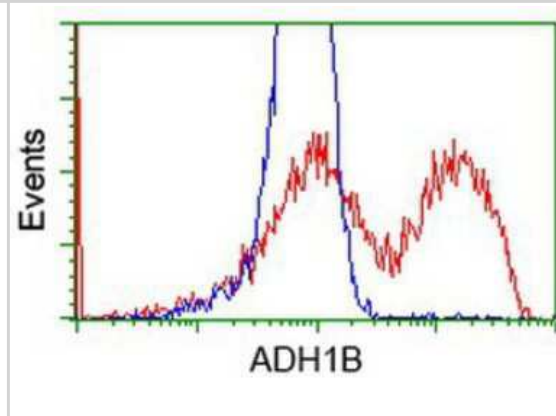
Immunocytochemistry/Immunofluorescence: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY alcohol dehydrogenase 1B.



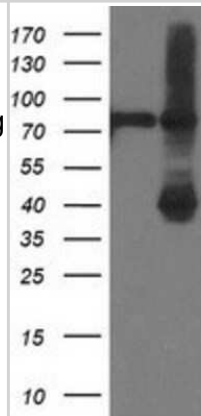
Immunohistochemistry-Paraffin: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Staining of paraffin-embedded Human lymph node tissue using anti-alcohol dehydrogenase 1B mouse monoclonal antibody.



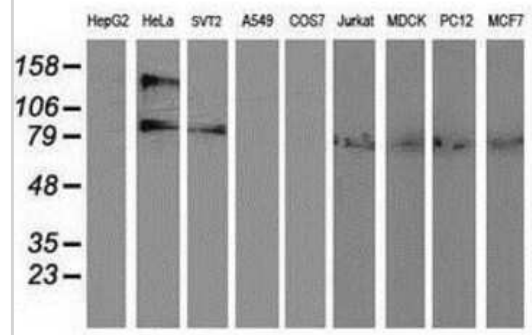
Flow Cytometry: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-alcohol dehydrogenase 1B antibody, and then analyzed by flow cytometry.



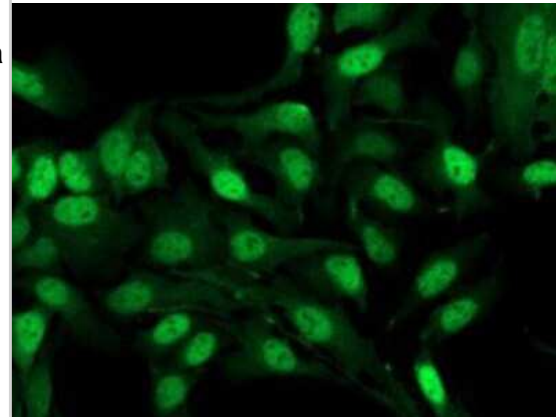
Western Blot: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY alcohol dehydrogenase 1B (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-alcohol dehydrogenase 1B.



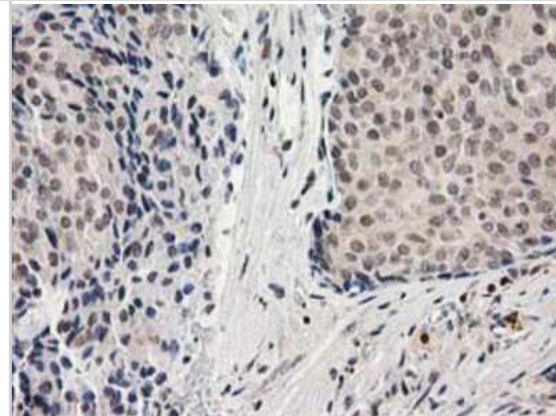
Western Blot: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Analysis of extracts (35ug) from 9 different cell lines by using anti-alcohol dehydrogenase 1B monoclonal antibody.



Immunocytochemistry/Immunofluorescence: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Immunofluorescent staining of HeLa cells using anti-alcohol dehydrogenase 1B mouse monoclonal antibody.



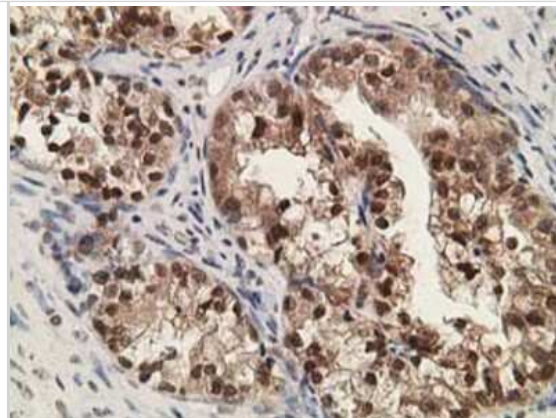
Immunohistochemistry-Paraffin: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-alcohol dehydrogenase 1B mouse monoclonal antibody.



Immunohistochemistry-Paraffin: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-alcohol dehydrogenase 1B mouse monoclonal antibody.



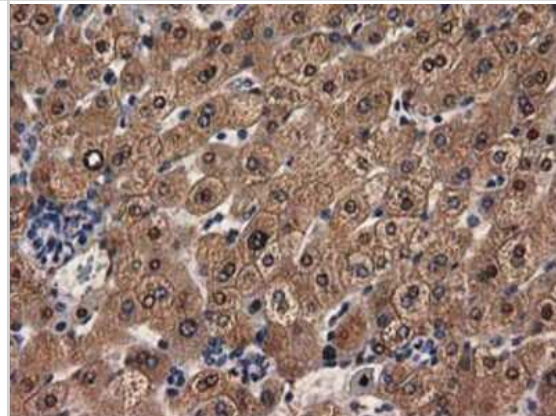
Immunohistochemistry-Paraffin: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-alcohol dehydrogenase 1B mouse monoclonal antibody.



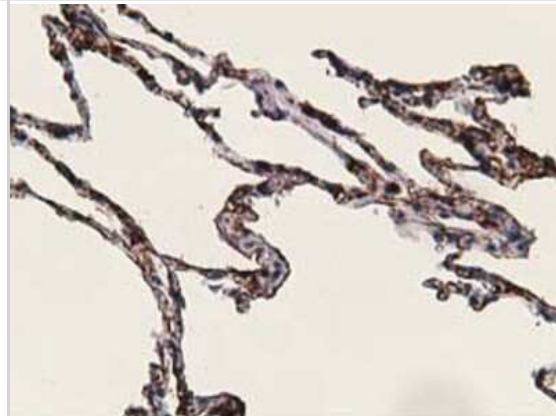
Immunohistochemistry-Paraffin: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-alcohol dehydrogenase 1B mouse monoclonal antibody.



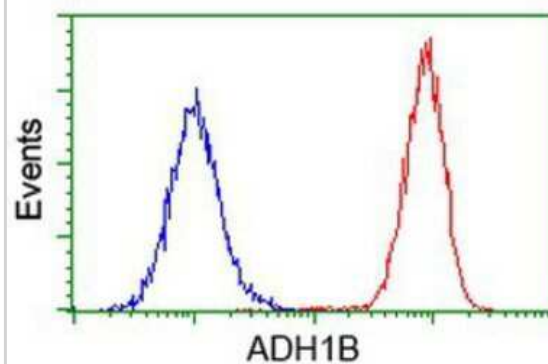
Immunohistochemistry-Paraffin: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Staining of paraffin-embedded Human liver tissue using anti-alcohol dehydrogenase 1B mouse monoclonal antibody.



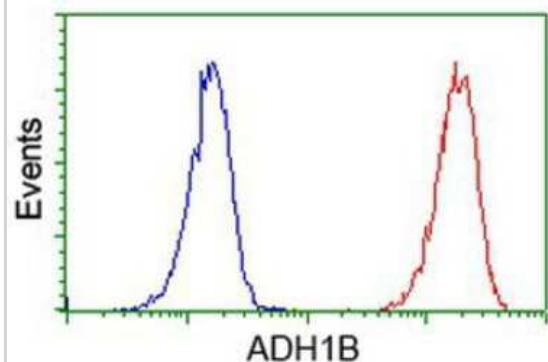
Immunohistochemistry-Paraffin: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Staining of paraffin-embedded Human lung tissue using anti-alcohol dehydrogenase 1B mouse monoclonal antibody.



Flow Cytometry: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Analysis of Hela cells, using anti-alcohol dehydrogenase 1B antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: alcohol dehydrogenase 1B Antibody (OTI4F12) [NBP2-00649] - Analysis of Jurkat cells, using anti-alcohol dehydrogenase 1B antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-00649**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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