

# Product Datasheet

## ABCD1 Antibody (OTI2C12) - Azide and BSA Free NBP2-70150

Unit Size: 100 ug

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

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**NBP2-70150**

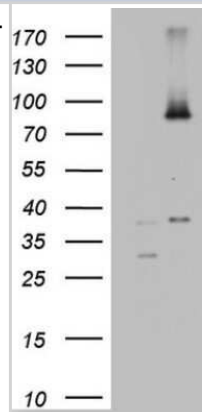
ABCD1 Antibody (OTI2C12) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI2C12
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Lyophilized from PBS (pH 7.3) with 8% Trehalose
<b>Target Molecular Weight</b>	82.8 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Mouse ABCD1 Antibody (OTI2C12) - Azide and BSA Free (NBP2-46476) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	215
<b>Gene Symbol</b>	ABCD1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	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.
<b>Immunogen</b>	Human recombinant protein fragment corresponding to amino acids 508-745 of human ABCD1 (NP_000024) produced in E.coli.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin, Knockout Validated, Knockdown Validated

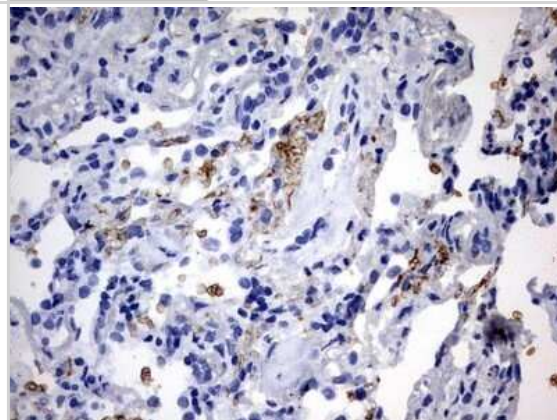


## Images

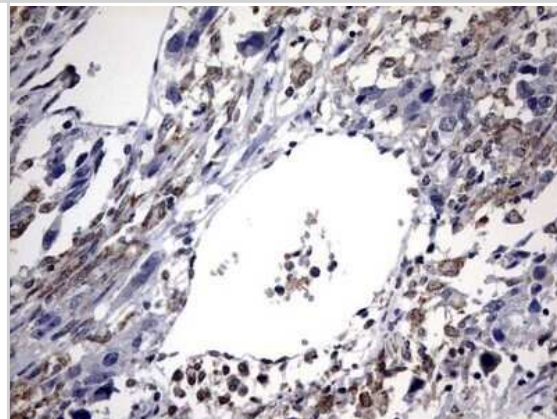
Western Blot: ABCD1 Antibody (OTI2C12) - Azide and BSA Free [NBP2-70150] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ABCD1.



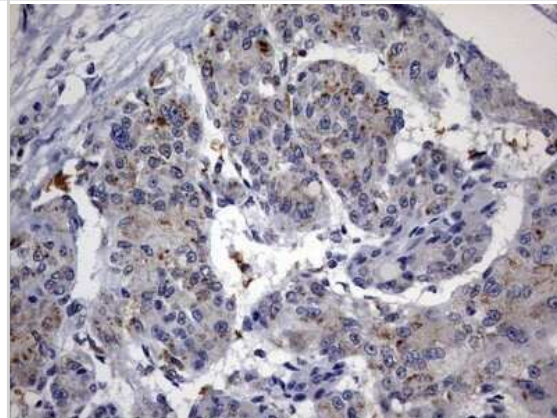
Immunohistochemistry: ABCD1 Antibody (OTI2C12) - Azide and BSA Free [NBP2-70150] - Analysis of Carcinoma of Human lung tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



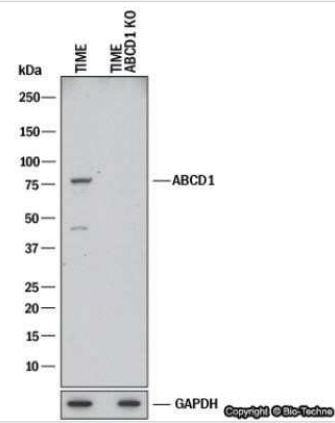
Immunohistochemistry: ABCD1 Antibody (OTI2C12) - Azide and BSA Free [NBP2-70150] - Analysis of Adenocarcinoma of Human ovary tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: ABCD1 Antibody (OTI2C12) - Azide and BSA Free [NBP2-70150] - Analysis of Carcinoma of Human liver tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Western Blot: ABCD1 Antibody (OTI2C12) - Azide and BSA Free [NBP2-70150] - Western blot shows lysates of TIME human endothelial parental cell line and ABCD1 knockout (KO) TIME cell line. PVDF membrane was probed with 1:2000 of Mouse Anti-Human ABCD1 Monoclonal Antibody (Catalog # NBP2-46476) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog #HAF018). Specific band was detected for ABCD1 at approximately 75 kDa (as indicated) in the parental TIME cell line, but is not detectable in the knockout TIME cell line. This experiment was conducted under reducing conditions.





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### **Products Related to NBP2-70150**

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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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