

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

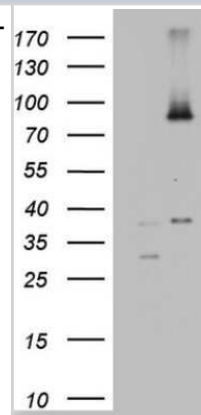
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2C12
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	82.8 kDa

Product Description	
Host	Mouse
Gene ID	215
Gene Symbol	ABCD1
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	Human recombinant protein fragment corresponding to amino acids 508-745 of human ABCD1 (NP_000024) produced in E.coli.

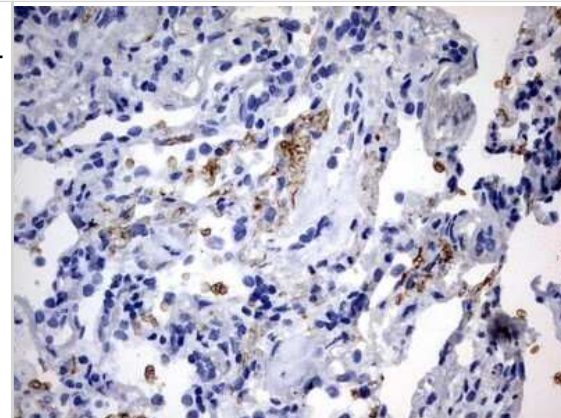
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Knockout Validated, Knockdown Validated

Images

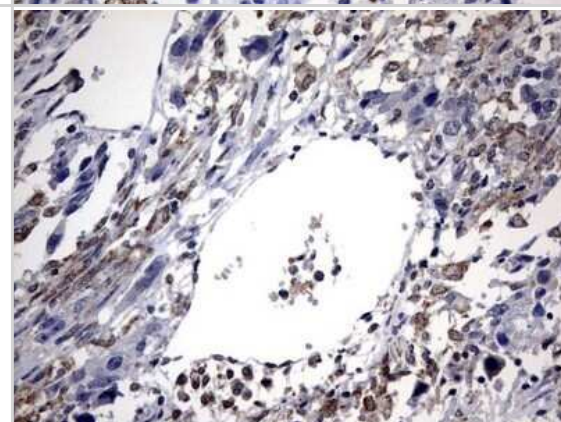
Western Blot: ABCD1 Antibody (OTI2C12) - Azide and BSA Free [NBP2-70150] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ABCD1.



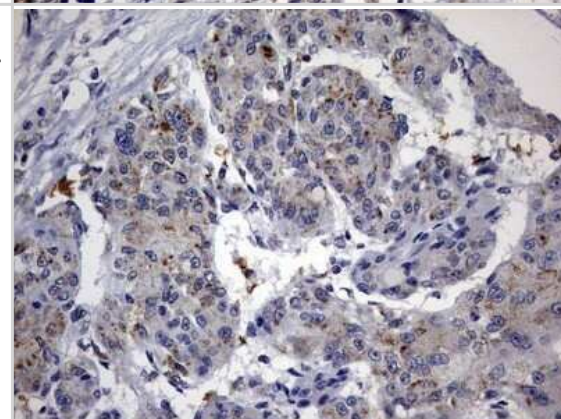
Immunohistochemistry: ABCD1 Antibody (OTI2C12) - Azide and BSA Free [NBP2-70150] - Analysis of Carcinoma of Human lung tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



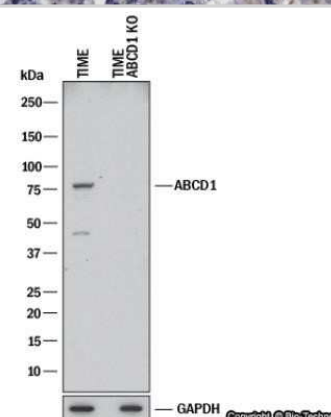
Immunohistochemistry: ABCD1 Antibody (OTI2C12) - Azide and BSA Free [NBP2-70150] - Analysis of Adenocarcinoma of Human ovary tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



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)



Knockout Validated: 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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00000215-P01-10ug	Recombinant Human ABCD1 GST (N-Term) 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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