

# Product Datasheet

## ABCA1 Antibody (HJ1) - Azide and BSA Free NBP2-80554

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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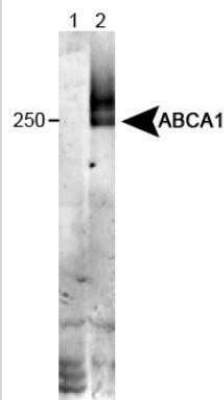
**NBP2-80554**

ABCA1 Antibody (HJ1) - Azide and BSA Free

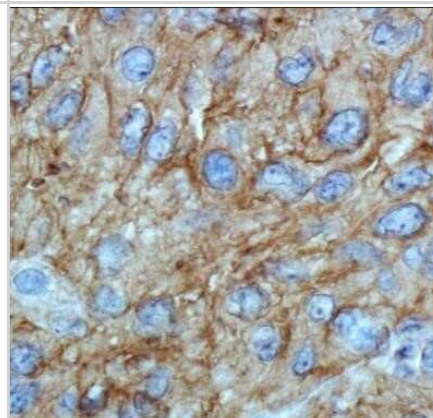
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HJ1
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	250 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	19
<b>Gene Symbol</b>	ABCA1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Human, rat, rabbit and mouse.
<b>Immunogen</b>	50 kDa N-terminal extracellular loop of mouse ABCA1 [UniProt# P41233]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1 ug per million cells. Use reported in scientific literature, Immunohistochemistry 1:400, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 31061090), Immunohistochemistry-Paraffin 1:400, CyTOF-ready
<b>Application Notes</b>	In Western blot a band is seen ~250 kDa. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended. This antibody is CyTOF ready.

## Images

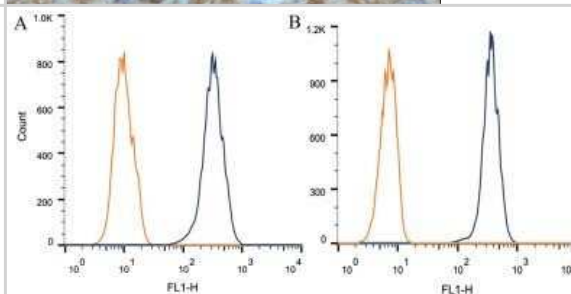
Western Blot: ABCA1 Antibody (HJ1) - Azide and BSA Free [NBP2-80554] - Detection of ABCA1 in wildtype liver tissue (in RIPA) Lane 1: KO mouse liver tissue. Lane 2: WT mouse liver tissue. Image from the standard format of this antibody.



Immunohistochemistry: ABCA1 Antibody (HJ1) - Azide and BSA Free [NBP2-80554] - Analysis of ABCA1 in human renal cancer using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



Flow Cytometry: ABCA1 Antibody (HJ1) - Azide and BSA Free [NBP2-80554] - Staining of  $1 \times 10^6$  CHO (A) and HEK-293 (B) cells using ABCA1 antibody (dark blue). Isotype control shown in orange. An antibody concentration of  $1 \mu\text{g}/1 \times 10^6$  cells was used. Image from the standard format of this antibody.





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### **Products Related to NBP2-80554**

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NBP3-11828	THP-1 TO901317 Treated / Untreated Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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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