# **Product Datasheet**

# ABCB5 Antibody - BSA Free NBP1-77689

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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**Publications: 1** 

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#### NBP1-77689

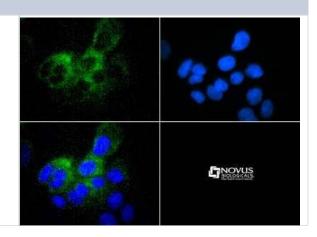
ABCB5 Antibody - BSA Free

ABCB5 Antibody - BSA Free	
Product Information	
Unit Size	0.1 ml
Concentration	1.11 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 30% Glycerol
Product Description	
Description	Novus Biologicals Rabbit ABCB5 Antibody - BSA Free (NBP1-77689) is a polyclonal antibody validated for use in Flow and ICC/IF. Anti-ABCB5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	340273
Gene Symbol	ABCB5
Species	Human
Immunogen	A synthetic peptide made to an internal portion of the human ABCB5 protein (between residues 450-500) [UniProt Q2M3G0]
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 1:100

## **Images**

**Application Notes** 

Immunocytochemistry/Immunofluorescence: ABCB5 Antibody [NBP1-77689] - ABCB5 antibody was tested in A431 cells with FITC (green). Nuclei were counterstained with DAPI (blue).



### **Publications**

Pagliari F, Sogne E, Panella D et al. Correlative Raman-Electron-Light (CREL) Microscopy Analysis of Lipid Droplets in Melanoma Cancer Stem Cells Biosensors 2022-12-01 [PMID: 36551069] (Flow Cytometry, Human)



This ABCB5 antibody is useful for Immunocytochemistry/Immunofluorescence.

#### **Procedures**

## Immunocytochemistry/Immunofluorescence protocol for ABCB5 Antibody (NBP1-77689)

ABCB5 Antibody:

Immunocytochemistry Protocol

Culture cells to appropriate density in 35 mm culture dishes or 6-well plates.

- 1. Remove culture medium and add 10% formalin to the dish. Fix at room temperature for 30 minutes.
- 2. Remove the formalin and add ice cold methanol. Incubate for 5-10 minutes.
- 3. Remove methanol and add washing solution (i.e. PBS). Be sure to not let the specimen dry out. Wash three times for 10 minutes.
- 4. To block nonspecific antibody binding incubate in 10% normal goat serum from 1 hour to overnight at room temperature.
- 5. Add primary antibody at appropriate dilution and incubate at room temperature from 2 hours to overnight at room temperature.
- 6. Remove primary antibody and replace with washing solution. Wash three times for 10 minutes.
- 7. Add secondary antibody at appropriate dilution. Incubate for 1 hour at room temperature.
- 8. Remove antibody and replace with wash solution, then wash for 10 minutes. Add Hoechst 33258 to wash solution at 1:25,0000 and incubate for 10 minutes. Wash a third time for 10 minutes.
- 9. Cells can be viewed directly after washing. The plates can also be stored in PBS containing Azide covered in Parafilm (TM). Cells can also be cover-slipped using Fluoromount, with appropriate sealing.

\*The above information is only intended as a guide. The researcher should determine what protocol best meets their needs. Please follow safe laboratory procedures.





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## **Products Related to NBP1-77689**

HAF008 Goat anti-Rabbit IgG Secondary Antibody [HRP]

NB7160 Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

NBP2-24891 Rabbit IgG Isotype Control

NBP1-77689G ABCB5 Antibody [DyLight 488]

#### 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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