

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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NBP1-77689

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

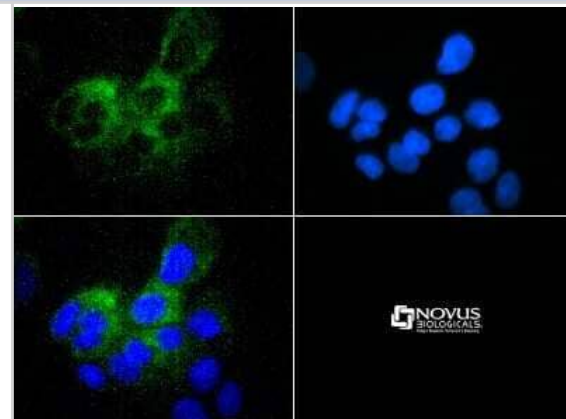
Host	Rabbit
Gene ID	340273
Gene Symbol	ABCB5
Species	Human
Immunogen	A synthetic peptide made to an internal portion of the human ABCB5 protein (between residues 450-500) [UniProt Q2M3G0]

Product Application Details

Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 1:100
Application Notes	This ABCB5 antibody is useful for Immunocytochemistry/Immunofluorescence.

Images

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)

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 1:25,000 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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