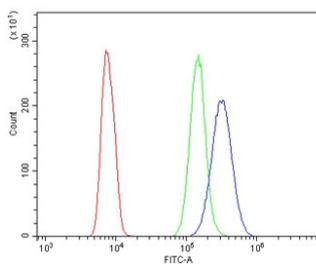


ABCB5 Antibody (RQ5509)

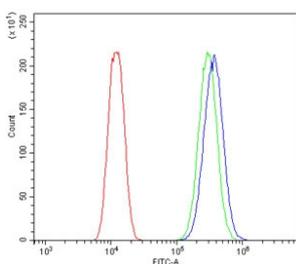
| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ5509 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

[Bulk quote request](#)

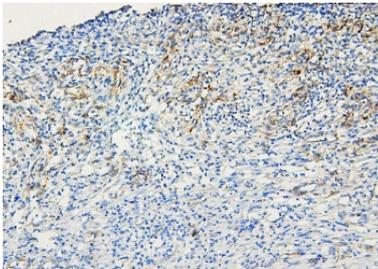
| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse, Rat |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Affinity purified |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| UniProt | Q2M3G0 |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml |
| Limitations | This ABCB5 antibody is available for research use only. |



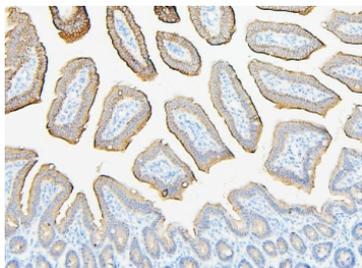
Flow cytometry testing of human HL60 cells with ABCB5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ABCB5 antibody.



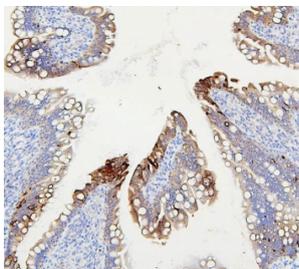
Flow cytometry testing of human U-2 OS cells with ABCB5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ABCB5 antibody.



IHC staining of FFPE human melanoma with ABCB5 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



IHC staining of FFPE mouse intestine with ABCB5 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



IHC staining of FFPE rat intestine with ABCB5 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.

Description

ATP-binding cassette sub-family B member 5 also known as P-glycoprotein ABCB5 is a plasma membrane-spanning protein that in humans is encoded by the ABCB5 gene. It is mapped to 7p21.1. ABCB5 belongs to the ATP-binding cassette (ABC) transporter superfamily of integral membrane proteins. These proteins participate in ATP-dependent transmembrane transport of structurally diverse molecules ranging from small ions, sugars, and peptides to more complex organic molecules.

Application Notes

Optimal dilution of the ABCB5 antibody should be determined by the researcher.

Immunogen

A human recombinant protein (amino acids M1-D176) was used as the immunogen for the ABCB5 antibody.

Storage

After reconstitution, the ABCB5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

