

Product Name: ABCB5 (8D2) Mouse Monoclonal Antibody
Catalog #: AMM03695



Summary

| | |
|------------------------|---------------------------------------|
| Production Name | ABCB5 (8D2) Mouse Monoclonal Antibody |
| Description | Primary antibody |
| Host | Mouse |
| Application | WB, ICC/IF |
| Reactivity | Human |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG1 |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|--|
| Gene Name | ABCB5 |
| Alternative Names | ABCB5 P-gp; ATP binding cassette sub family B (MDR/TAP) member 5; P glycoprotein |
| Gene ID | 340273 |
| SwissProt ID | Q2M3G0 |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB: 1/500-1/1000 IF: 1/50-1/200 |
| Molecular Weight | Calculated MW: 139 kDa; Observed MW: 90 kDa |

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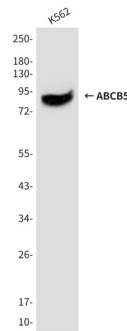
Background

Drug efflux transporter present in a number of stem cells that acts as a regulator of cellular differentiation. Able to mediate efflux from cells of the rhodamine dye and of the therapeutic drug doxorubicin. Specifically present in limbal stem cells, where it plays a key role in corneal development and repair.

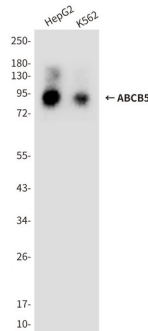
Research Area

Signal Transduction

Image Data

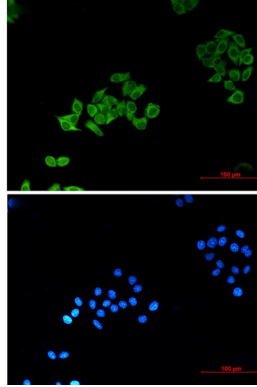


Western blot analysis of ABCB5 in K562 lysates using ABCB5 antibody.



Western blot analysis of ABCB5 (8D2) in HepG2, K562 lysates using ABCB5 (8D2) antibody.

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Immunocytochemistry analysis of ABCB5 (8D2) (green) in HeLa using ABCB5 (8D2) antibody ,and DAPI(blue)

Note

For research use only.