

**[ Primary Antibody ]**

## ABCB5 Rabbit pAb



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ANTIBODIES

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## — DATASHEET

**Host:** Rabbit

**Isotype:** IgG

**Applications: WB (1:500-2000)**

**Clonality:** Polyclonal

**GeneID:** 340273

**SWISS:** Q2M3G0

**Target:** ABCB5

**Immunogen:** KLH conjugated synthetic peptide derived from human ABCB5: 841-883/1257.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

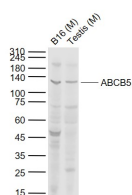
**Background:** ABCB5 belongs to the ATP-binding cassette (ABC) transporter superfamily of integral membrane proteins. These proteins participate in ATP-dependent transmembrane transport of structurally diverse molecules ranging from small ions, sugars, and peptides to more complex organic molecules (Chen et al., 2005 [PubMed 15760339]).[supplied by OMIM, Mar 2008]

**Reactivity:** Human, Mouse  
(predicted: Rat, Cow, Dog,  
Horse)

**Predicted**  
**MW.:** 89/138 kDa

**Subcellular Location:** Cell membrane

- VALIDATION IMAGES



Sample: Lane 1: Mouse B16 cell lysates Lane 2:

Mouse Testis tissue lysates Primary: Anti-ABCB5

(bs-1604R) at 1/1000 dilution Secondary:

IRDye800CW Goat Anti-Rabbit IgG at 1/20000

dilution Predicted band size: 89/138 kD

Observed band size: 125 kD

## — SELECTED CITATIONS

- **[IF=6.022]** Julia Riedl. et al. ABCB5+ dermal mesenchymal stromal cells with favorable skin homing and local immunomodulation for recessive dystrophic epidermolysis bullosa treatment. 2021 Mar 01 WB ;Mouse. 33609408
- **[IF=5.923]** Anna Kusienicka. et al. Heme Oxygenase-1 Has a Greater Effect on Melanoma Stem Cell Properties Than the Expression of Melanoma-Initiating Cell Markers. Int J Mol Sci. 2022 Jan;23(7):3596 FCM ;Mouse. 35408953
- **[IF=4.77]** Kaushik, Gaurav, et al. "Honokiol inhibits melanoma stem cells by targeting notch signaling." Molecular carcinogenesis (2014). WB ;="Human". 25491779
- **[IF=0]** Hardt, Olaf, et al. "SSEA4 AND ST3GAL2 AS CHEMOTHERAPEUTIC DRUG RESPONSE BIOMARKERS." U.S. Patent No. 20,150,316,556. 5 Nov. 2015. FCM ;="Mouse". US Patent No20150335744
- **[IF=-]** Nandabalan K. NOVEL IMMUNOMODULATORY THERAPEUTIC STRATEGIES TARGETING TUMORS IN CANCER. US 2018 / 0134771 A1 Other ;: US2018/0134771A1

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