

## ATP 结合蛋白家族 5 单克隆抗体

产品货号： mIR33080

英文名称： ABCB5

中文名称： ATP 结合蛋白家族 5 单克隆抗体

别名： ATP-binding cassette sub-family B member 5; ABCB 5; ABCB5alpha; ABCB5beta; ATP binding cassette sub family B (MDR/TAP) member 5; ATP binding cassette sub family B member 5; EST422562; P glycoprotein ABCB5; ABCB5\_HUMAN.

研究领域： 肿瘤 信号转导 通道蛋白 糖蛋白

抗体来源： Mouse

克隆类型： Monoclonal

克隆号： 11B4

交叉反应： Human,



产品应用： WB=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 89kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human ABCB5:

亚型： **IgG**

纯化方法： affinity purified by Protein G

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 :** 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]

**Function:**

Plasma membrane transporter able to mediate efflux from cells of the rhodamine dye and of the therapeutic drug doxorubicin. Responsible for the resistance to doxorubicin of a subset of malignant melanomas.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Expressed by CD133-expressing progenitor cells among epidermal melanocytes (at protein level). Widely expressed with specific expression in pigment cells. Also expressed in several malignant tissues.

**Similarity:**

Belongs to the ABC transporter superfamily. ABCB family. Multidrug resistance exporter (TC 3.A.1.201) subfamily.

Contains 1 ABC transmembrane type-1 domain.

Contains 2 ABC transporter domains.

**SWISS:**

Q2M3G0

**Gene ID:**

340273

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

