

## Product datasheet

# Anti-BCRP/ABCG2 antibody [EPR2099(2)] ab108312

リコンビナント RabMAb®

★★★★☆ 2 Abreviews 3 References 画像数 1

### 製品の概要

製品名	Anti-BCRP/ABCG2 antibody [EPR2099(2)]
製品の詳細	Rabbit monoclonal [EPR2099(2)] to BCRP/ABCG2
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> Flow Cyt, ICC, IHC-P or IP
種交差性	<b>交差種:</b> Human
免疫原	A synthetic peptide corresponding to residues in the intracellular domain of Human BCRP/ABCG2.
ポジティブ・コントロール	Human fetal liver, JAR, 293T, HepG2, and Human placenta lysates.
特記事項	This product is a recombinant rabbit monoclonal antibody. Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR2099(2)
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab108312** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
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WB 1/1000 - 1/10000. Predicted molecular weight: 72 kDa.

**追加情報** Is unsuitable for Flow Cyt, ICC, IHC-P or IP.

**ターゲット情報**

**機能** Xenobiotic transporter that may play an important role in the exclusion of xenobiotics from the brain. May be involved in brain-to-blood efflux. Appears to play a major role in the multidrug resistance phenotype of several cancer cell lines. When overexpressed, the transfected cells become resistant to mitoxantrone, daunorubicin and doxorubicin, display diminished intracellular accumulation of daunorubicin, and manifest an ATP-dependent increase in the efflux of rhodamine 123.

**組織特異性** Highly expressed in placenta. Low expression in small intestine, liver and colon.

**配列類似性** Belongs to the ABC transporter superfamily. ABCG family. Eye pigment precursor importer (TC 3.A.1.204) subfamily.

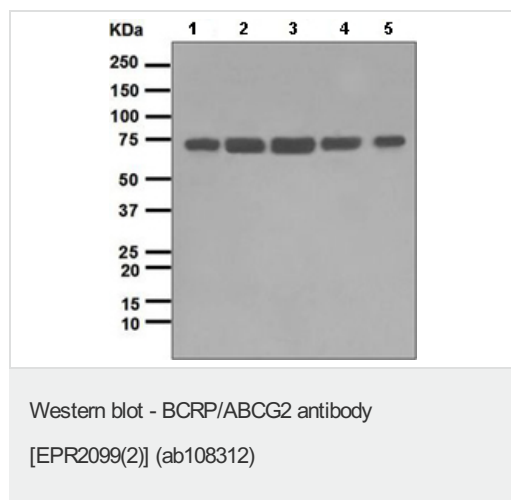
Contains 1 ABC transmembrane type-2 domain.

Contains 1 ABC transporter domain.

**翻訳後修飾** Glycosylation-deficient ABCG2 is normally expressed and functional.

**細胞内局在** Cell membrane.

**画像**



**All lanes :** Anti-BCRP/ABCG2 antibody  
[EPR2099(2)] (ab108312) at 1/1000 dilution

**Lane 1 :** Human fetal liver lysate

**Lane 2 :** JAR lysate

**Lane 3 :** 293T lysate

**Lane 4 :** HepG2 lysate

**Lane 5 :** Human placenta lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size :** 72 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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