


# Anti-MGST1 antibody [EPR7935] - BSA and Azide free ab248331

リコンビナント **RabMAb**

画像数 4

### 製品の概要

|          |   |
|----------|---|
| 製品名      | Anti-MGST1 antibody [EPR7935] - BSA and Azide free  |
| 製品の詳細    | Rabbit monoclonal [EPR7935] to MGST1 - BSA and Azide free   |
| 由来種      | Rabbit  |
| アプリケーション | <b>適用あり:</b> ICC/IF, WB<br><b>適用なし:</b> Flow Cyt, IHC-P or IP   |
| 種交差性     | <b>交差種:</b> Human<br><b>交差が予測される動物種:</b> Mouse, Rat    |
| 免疫原      | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| 特記事項     | <p>ab248331 is the carrier-free version of <a href="#">ab129175</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> |

## 製品の特性

### 製品の状態

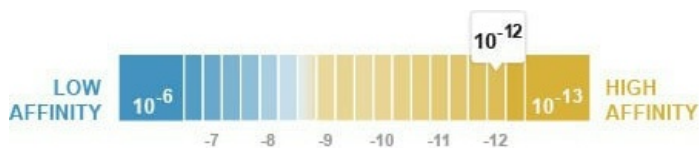
Liquid

### 保存方法

Shipped at 4°C. Store at +4°C. Do Not Freeze.

### 解離定数 ( $K_D$ 値)

$K_D = 5.40 \times 10^{-12}$  M



[Learn more about  \$K\_D\$](#)

### バッファー

pH: 7.2

Constituent: PBS

### キャリア・フリー

はい

### 精製度

Protein A purified

### ポリ/モノ

モノクローナル

### クローン名

EPR7935

### アイソタイプ

IgG

## アプリケーション

### The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab248331の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| ICC/IF   |           | Use at an assay dependent concentration.  |
| WB       |           | Use at an assay dependent concentration. Detects a band of approximately 16 kDa (predicted molecular weight: 18 kDa). |

### 追加情報

Is unsuitable for Flow Cyt, IHC-P or IP.

## ターゲット情報

### 機能

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Has a wide substrate specificity.

### 組織特異性

Highly expressed in liver.

### 配列類似性

Belongs to the MAPEG family.

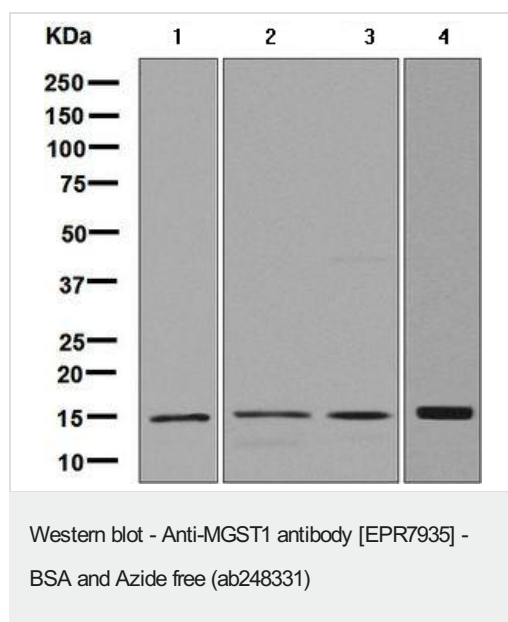
### 翻訳後修飾

Peroxynitrite induces nitration at Tyr-93 which activates the enzyme.

### 細胞内局在

Microsome. Mitochondrion outer membrane. Endoplasmic reticulum membrane.

## 画像



**All lanes** : Anti-MGST1 antibody [EPR7935] ([ab129175](#)) at 1/1000 dilution

**Lane 1** : Fetal liver tissue lysate

**Lane 2** : HepG2 cell lysate

**Lane 3** : K562 cell lysate

**Lane 4** : HT 1376 cell lysate

Lysates/proteins at 10 µg per lane.

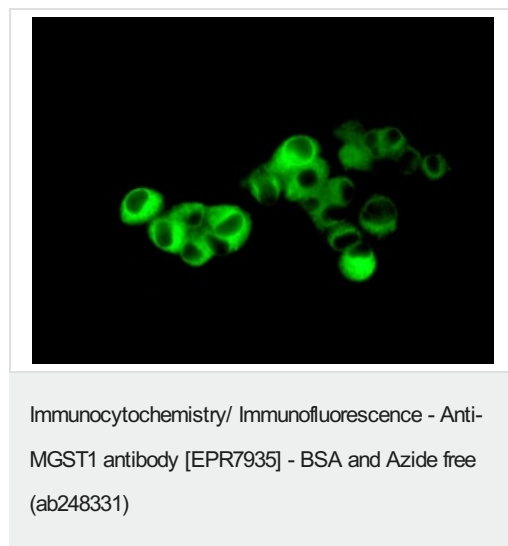
### Secondary

**All lanes** : Goat anti-rabbit HRP conjugated antibody at 1/2000 dilution

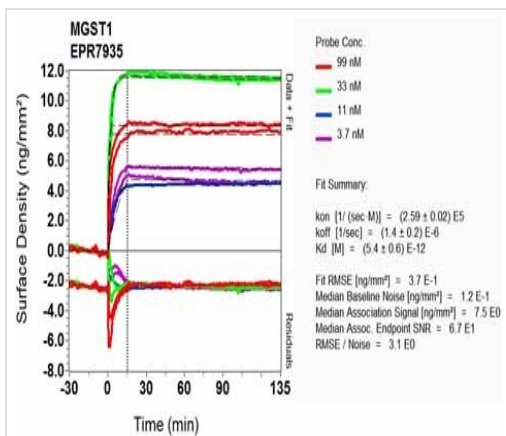
**Predicted band size:** 18 kDa

**Observed band size:** 16 kDa

This data was developed using [ab129175](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab129175](#), the same antibody clone in a different buffer formulation. [ab129175](#), at 1/100, staining MGST1 in HepG2 cells by Immunofluorescence.



SPR Scanning - Anti-MGST1 antibody [EPR7935] -  
BSA and Azide free (ab248331)

This data was developed using **ab129175**, the same antibody clone in a different buffer formulation. Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-MGST1 antibody [EPR7935] - BSA and Azide free (ab248331)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors