

### Anti-ME2 antibody [EPR7218] - BSA and Azide free ab248127

リコンビナント **RabMAb**

画像数 8

#### 製品の概要

製品名	Anti-ME2 antibody [EPR7218] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7218] to ME2 - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, Flow Cyt (Intra), ICC/IF
種交差性	<b>交差種:</b> Human <b>非交差種:</b> Rat
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248127 is the carrier-free version of <a href="#">ab126616</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> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</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.
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	EPR7218
アイソタイプ	IgG

## アプリケーション

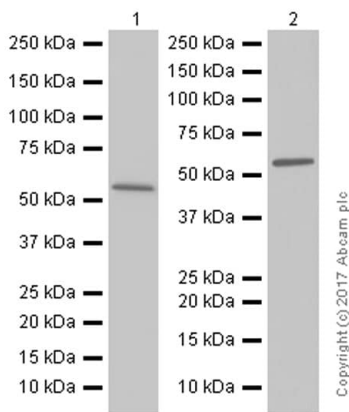
The Abpromise guarantee      Abpromise保証は、次のテスト済みアプリケーションにおけるab248127の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 65 kDa (predicted molecular weight: 65 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt (Intra)		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

## ターゲット情報

配列類似性	Belongs to the malic enzymes family.
細胞内局在	Mitochondrion matrix.

## 画像



Western blot - Anti-ME2 antibody [EPR7218] - BSA and Azide free (ab248127)

**All lanes :** Anti-ME2 antibody [EPR7218] ([ab126616](#)) at 1/5000 dilution (purified)

**Lane 1 :** HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

**Lane 2 :** 293T (Human embryonic kidney epithelial cell) whole cell lysates

Lysates/proteins at 15 µg per lane.

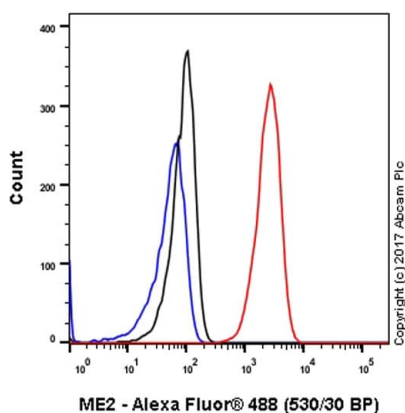
### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 65 kDa

This data was developed using [ab126616](#), the same antibody clone in a different buffer formulation.

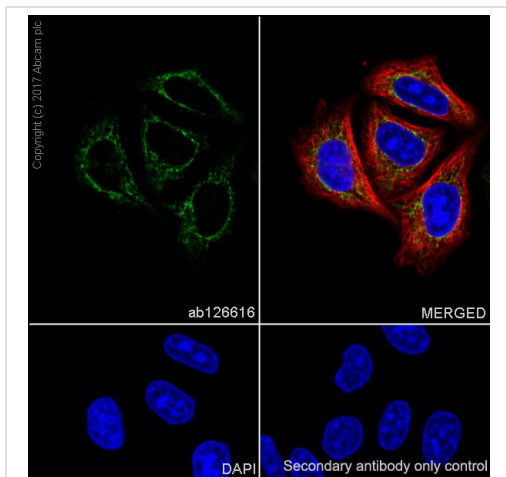
**Blocking and dilution buffer:** 5% NFDN/TBST.



Flow Cytometry (Intracellular) - Anti-ME2 antibody [EPR7218] - BSA and Azide free (ab248127)

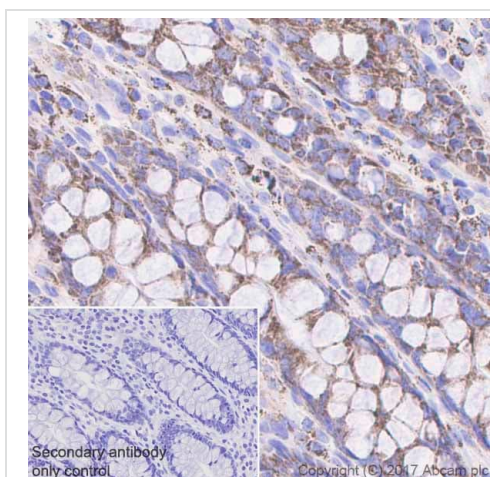
This data was developed using [ab126616](#), the same antibody clone in a different buffer formulation.

Intracellular Flow Cytometry analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labeling ME2 with purified [ab126616](#) at 1/150 dilution (10 µg/ml) (red). Cells were fixed with 4% Paraformaldehyde and permeabilized with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488) secondary antibody was used at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



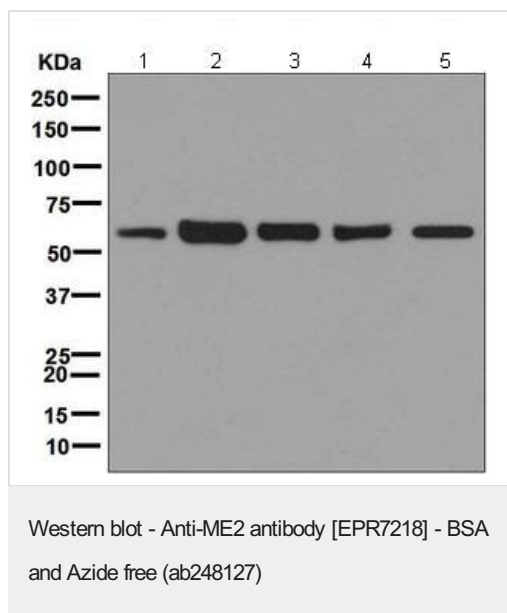
Immunocytochemistry/ Immunofluorescence - Anti-ME2 antibody [EPR7218] - BSA and Azide free (ab248127)

This data was developed using **ab126616**, the same antibody clone in a different buffer formulation. Immunocytochemistry/ Immunofluorescence analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling ME2 with purified **ab126616** at 1:150 dilution (9.1 µg/ml). Cells were fixed in 100% Methanol. **ab150077** Goat anti rabbit IgG(Alexa Fluor® 488) was used as the secondary antibody at 1:1000 dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ME2 antibody [EPR7218] - BSA and Azide free (ab248127)

This data was developed using **ab126616**, the same antibody clone in a different buffer formulation. Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon tissue sections labeling Me2 with Purified **ab126616** at 1:1000 dilution (1.4 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.



**All lanes :** Anti-ME2 antibody [EPR7218] ([ab126616](#)) at 1/1000 dilution (unpurified)

**Lane 1 :** 293T (Human embryonic kidney epithelial cell) cell lysate

**Lane 2 :** Jurkat cell lysate

**Lane 3 :** HeLa cell lysate

**Lane 4 :** K562 cell lysate

**Lane 5 :** MOLT4 cell lysate

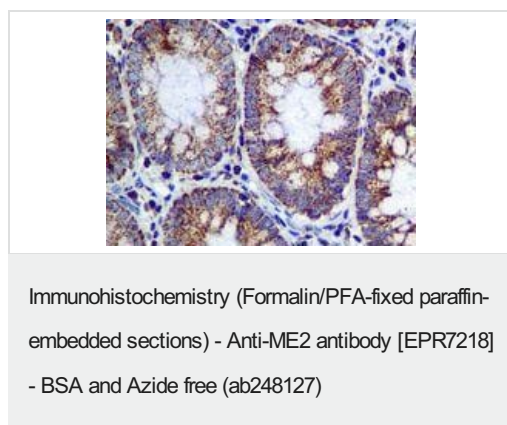
Lysates/proteins at 10 µg per lane.

## Secondary

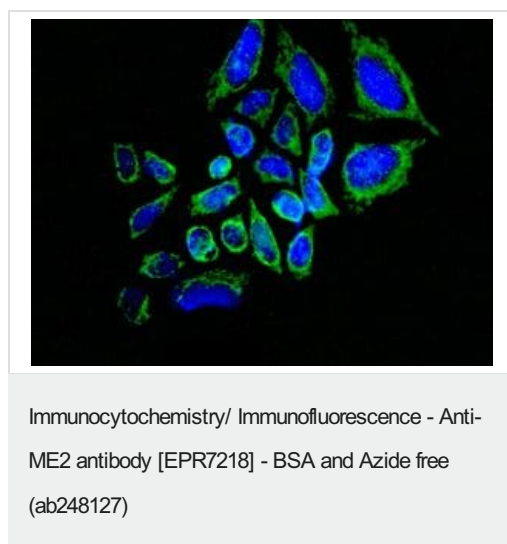
**All lanes :** Goat Anti-rabbit HRP at 1/2000 dilution

**Predicted band size:** 65 kDa

This data was developed using [ab126616](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab126616](#), the same antibody clone in a different buffer formulation. Unpurified [ab126616](#), at 1/50 dilution, staining ME2 in Formalin-fixed, Paraffin-embedded Human colon tissue by Immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



This data was developed using [ab126616](#), the same antibody clone in a different buffer formulation. Unpurified [ab126616](#), at 1/100 dilution, staining ME2 in HeLa cells by Immunofluorescence.

### 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-ME2 antibody [EPR7218] - BSA and Azide free  
(ab248127)

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

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