

# Anti-EMR1/ADGRE1 (F4/80) antibody [EPR23225-94] - BSA and Azide free ab270798

リコンビナント **RabMAb**

画像数 5

## 製品の概要

製品名	Anti-EMR1/ADGRE1 (F4/80) antibody [EPR23225-94] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR23225-94] to EMR1/ADGRE1 - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, ICC/IF, Flow Cyt, WB <b>適用なし:</b> IP
種交差性	<b>交差種:</b> Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human spleen, colon and stomach lysates. IHC-P: Human gastric cancer and colon tissues. ICC/IF: HEK-293 cells transfected with myc-tagged EMR1 expression vector. Flow Cyt: HEK-293 cells transfected with myc-tagged EMR1 expression vector.
特記事項	<p>ab270798 is the carrier-free version of <a href="#">ab254293</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</p>

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

## 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	EPR23225-94
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ab270798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。

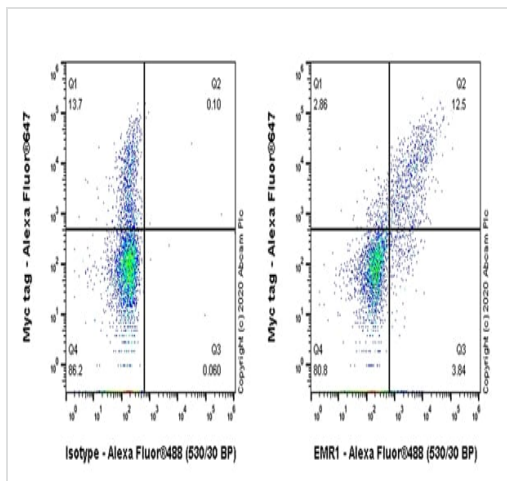
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 100 kDa (predicted molecular weight: 97 kDa).

**追加情報**      Is unsuitable for IP.

## ターゲット情報

機能	Orphan receptor involved in cell adhesion and probably in cell-cell interactions specifically involving cells of the immune system. May play a role in regulatory T-cells (Treg) development.
組織特異性	Expression is restricted to eosinophils.
配列類似性	Belongs to the G-protein coupled receptor 2 family. Adhesion G-protein coupled receptor (ADGR) subfamily. Contains 6 EGF-like domains. Contains 1 GPS domain.
細胞内局在	Cell membrane.

## 画像

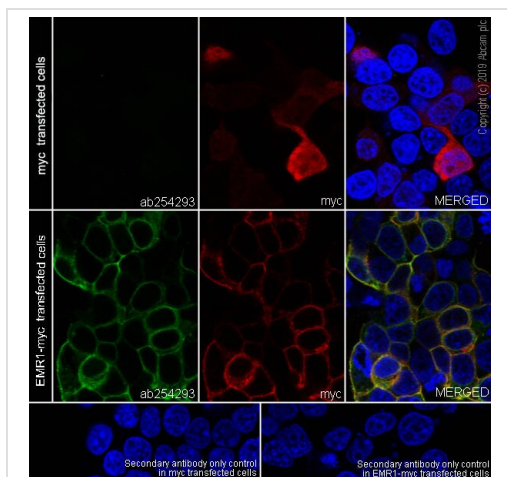


Flow Cytometry - Anti-EMR1/ADGRE1 antibody  
[EPR23225-94] - BSA and Azide free (ab270798)

This data was developed using [ab254293](#), the same antibody clone in a different buffer formulation.

Flow cytometric analysis of 2% paraformaldehyde-fixed, 0.1% Tween-20 permeabilized HEK-293T (transfected with myc tagged EMR1/ADGRE1 construct) cells labelling EMR1/ADGRE1 with [ab254293](#) at 1/500 (Right) compared with a Rabbit monoclonal IgG ([ab172730](#)) (Left). A Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) at 1/2000 was used as the secondary antibody.

Cells were surface stained with isotype control ([ab172730](#)) or [ab254293](#). Then fixed with 2% PFA for 10min followed by intracellularly stained with anti-myc tag conjugated to Alexa Fluor® 647.

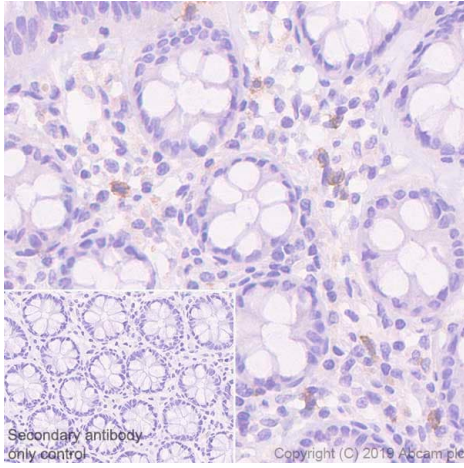


Immunocytochemistry/ Immunofluorescence - Anti-EMR1/ADGRE1 antibody [EPR23225-94] - BSA and Azide free (ab270798)

This data was developed using [ab254293](#), the same antibody clone in a different buffer formulation.

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized HEK-293 cells labelling EMR1/ADGRE1 with [ab254293](#) at 1/100 dilution, followed by antibody at 1/1000 dilution (Green). Confocal image showing positive staining in HEK-293 cell line transfected with myc-tagged EMR1/ADGRE1 expression vector. 2233S Myc-Tag (9B11) Mouse mAb (Alexa Fluor® 647 Conjugate) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is at 1000 dilution.



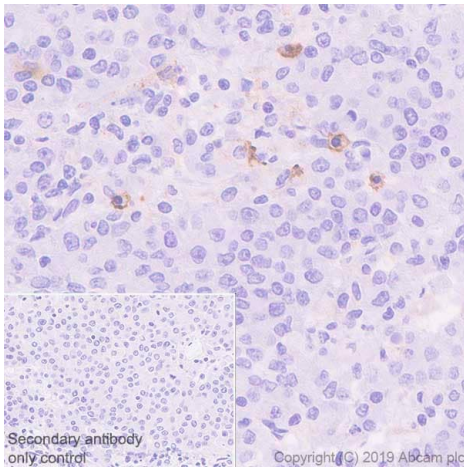
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EMR1/ADGRE1 antibody [EPR23225-94] - BSA and Azide free (ab270798)

This data was developed using [ab254293](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling EMR1/ADGRE1 with [ab254293](#) at 1/16000 dilution followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Positive staining in eosinophils of human colon (PMID:17823986). The section was incubated with [ab254293](#) for 10 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EMR1/ADGRE1 antibody [EPR23225-94] - BSA and Azide free (ab270798)

This data was developed using [ab254293](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue labeling EMR1/ADGRE1 with [ab254293](#) at 1/16000 dilution followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Positive staining in eosinophils of human gastric cancer (PMID:17823986). The section was incubated with [ab254293](#) for 10 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

### 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-EMR1/ADGRE1 antibody [EPR23225-94] - BSA and Azide free (ab270798)

**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