

# Anti-CD89 antibody [EPR4622(2)] ab124717

リコンビナント **RabMAb**

## 2 References [画像数 4](#)

### 製品の概要

製品名	Anti-CD89 antibody [EPR4622(2)]
製品の詳細	Rabbit monoclonal [EPR4622(2)] to CD89
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IP, IHC-P <b>適用なし:</b> Flow Cyt (Intra)
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide within Human CD89 aa 250-350 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	WB: U937, K562, Jurkat, and HL-60 cell lysates; IHC: Human tonsil tissue; IP: U-937.
特記事項	<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, Rat: We have preliminary internal testing data to indicate this antibody may not react with these 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR4622(2)
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ab124717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確認ください。

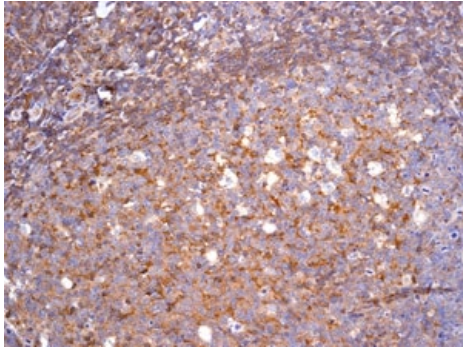
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 32 kDa.
IP		1/10 - 1/100.
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

追加情報 Is unsuitable for Flow Cyt (Intra).

## ターゲット情報

<b>機能</b>	Binds to the Fc region of immunoglobulins alpha. Mediates several functions including cytokine production.
<b>組織特異性</b>	Isoform A.1, isoform A.2 and isoform A.3 are differentially expressed between blood and mucosal myeloid cells. Isoform A.1, isoform A.2 and isoform A.3 are expressed in monocytes. Isoform A.1 and isoform A.2 are expressed in alveolar macrophages; however only one isoform is expressed at alveolar macrophages surfaces.
<b>配列類似性</b>	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
<b>細胞内局在</b>	Secreted and Cell membrane.

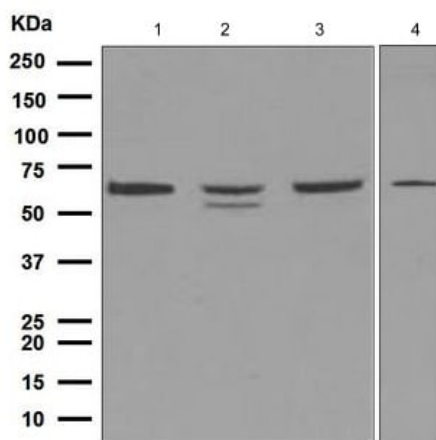
## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD89 antibody [EPR4622(2)] (ab124717)

ab124717, at 1/100, staining CD89 in paraffin embedded Human tonsil tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-CD89 antibody [EPR4622(2)] (ab124717)

**All lanes :** Anti-CD89 antibody [EPR4622(2)] (ab124717) at 1/1000 dilution

**Lane 1 :** U937 cell lysates

**Lane 2 :** K562 cell lysates

**Lane 3 :** Jurkat cell lysates

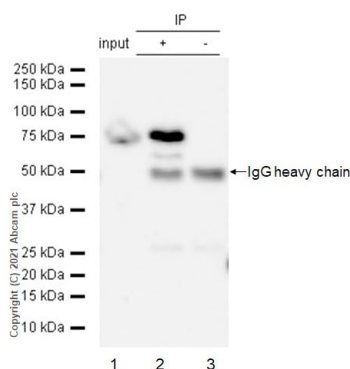
**Lane 4 :** HL-60 cell lysates

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 32 kDa



Immunoprecipitation - Anti-CD89 antibody [EPR4622(2)] (ab124717)

CD89 was immunoprecipitated from 0.35 mg U-937 (Human histiocytic lymphoma monocyte) whole cell lysate 10 µg with 124717 at 1/50 dilution (2µg). VeriBlot for IP Detection Reagent (HRP)([ab131366](#)) was used at 1/5000 dilution.

**Lane 1:** U-937 (Human histiocytic lymphoma monocyte) whole cell lysate 10 µg

**Lane 2:** ab124717 IP in U-937 whole cell lysate

**Lane 3:** Rabbit monoclonal IgG ([ab172730](#)) instead of ab124717 in U-937 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

### 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-CD89 antibody [EPR4622(2)] (ab124717)

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

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