

Anti-CD89 antibody [EPR4622(2)] - BSA and Azide free ab247978

リコンビナント **RabMAb**

画像数 4

製品の概要

製品名	Anti-CD89 antibody [EPR4622(2)] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR4622(2)] to CD89 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB, IP 適用なし: Flow Cyt (Intra)
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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>ab247978 is the carrier-free version of ab124717.</p> <p>Our carrier-free 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 conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <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[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] 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"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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.

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	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ab247978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。

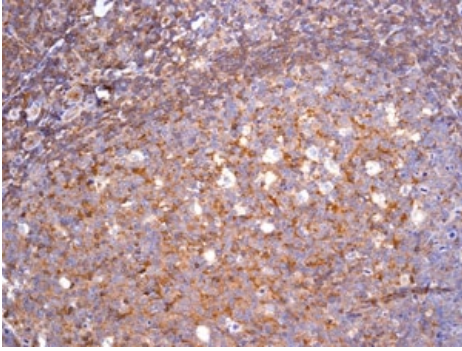
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Predicted molecular weight: 32 kDa.
IP		Use at an assay dependent concentration.

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

ターゲット情報

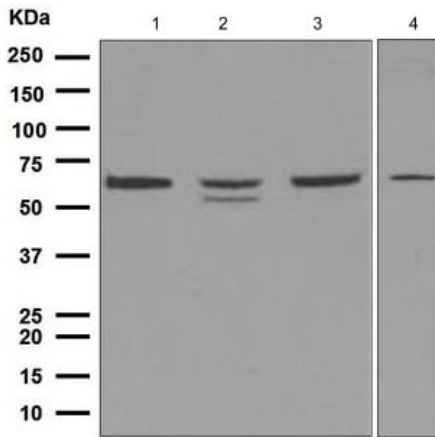
機能	Binds to the Fc region of immunoglobulins alpha. Mediates several functions including cytokine production.
組織特異性	Isoform A.1, isoform A.2 and isoform A.3 are differentially expressed between blood and mucosal myeloid cells. Isoform A.1, isoform A.2 and isoform A.3 are expressed in monocytes. Isoform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

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD89 antibody [EPR4622(2)] - BSA and Azide free (ab247978)

This data was developed using [ab124717](#), the same antibody clone in a different buffer formulation. [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)] - BSA and Azide free (ab247978)

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

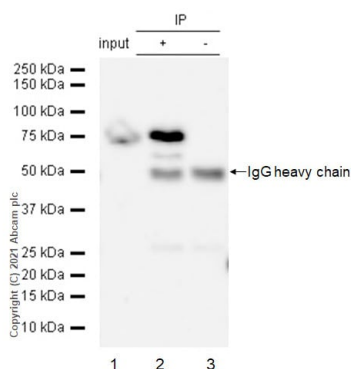
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 32 kDa

This data was developed using [ab124717](#), the same antibody clone in a different buffer formulation.



Immunoprecipitation - Anti-CD89 antibody
[EPR4622(2)] - BSA and Azide free (ab247978)

This data was developed using **ab124717**, the same antibody clone in a different buffer formulation.

CD89 was immunoprecipitated from 0.35 mg U-937 (Human histiocytic lymphoma monocyte) whole cell lysate 10 µg with **ab124717** at 1/50 dilution (2µg). VeriBlot for IP Detection Reagent (HRP)(**ab131366**) was used at 1/5000 dilution.

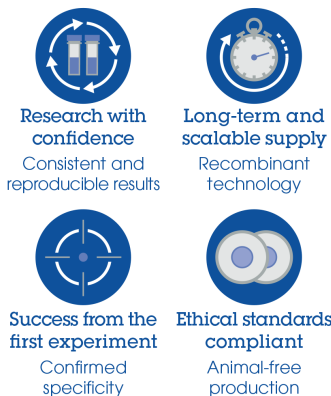
Lane 1: U-937 (Human histiocytic lymphoma monocyte) whole cell lysate 10 µg

Lane 2: abab124717 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?



Anti-CD89 antibody [EPR4622(2)] - BSA and Azide free (ab247978)

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