

Anti-CD69 antibody [EPR21814] - BSA and Azide free ab234512

リコンビナント **RabMAb**

★★★★☆ **3 Abreviews** **1 References** 画像数 **4**

製品の概要

製品名	Anti-CD69 antibody [EPR21814] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR21814] to CD69 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IP, IHC-P, WB
種交差性	交差種: 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	IHC-P: Human tonsil tissue.
特記事項	<p>ab234512 is the carrier-free version of ab233396.</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>

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	EPR21814
アイソタイプ	IgG

アプリケーション

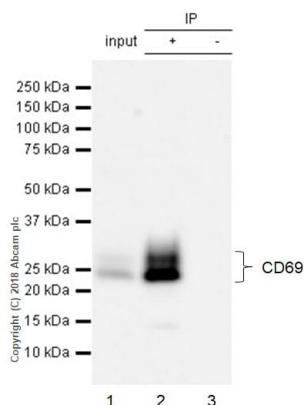
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab234512の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
IHC-P	★★★★★ (2)	Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Predicted molecular weight: 23 kDa.

ターゲット情報

機能	Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets.
組織特異性	Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets.
配列類似性	Contains 1 C-type lectin domain.
発生段階	Earliest inducible cell surface glycoprotein acquired during lymphoid activation.
翻訳後修飾	Constitutive Ser/Thr phosphorylation in both mature thymocytes and activated T-lymphocytes.
細胞内局在	Membrane.

画像



Immunoprecipitation - Anti-CD69 antibody
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CD69 was immunoprecipitated from 0.35 mg Daudi (human Burkitt's lymphoma lymphoblast) treated with 50 ng/ml phorbol-12-myristate-13-acetate (PMA) for 24 hours whole cell lysate with **ab233396** at 1/30 dilution. Western blot was performed from the immunoprecipitate using **ab233396** at 1/5,000 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/5,000 dilution.

Lane 1: Daudi (human Burkitt's lymphoma lymphoblast) treated with 50 ng/ml phorbol-12-myristate-13-acetate (PMA) for 24 hours whole cell lysate 10 µg (Input).

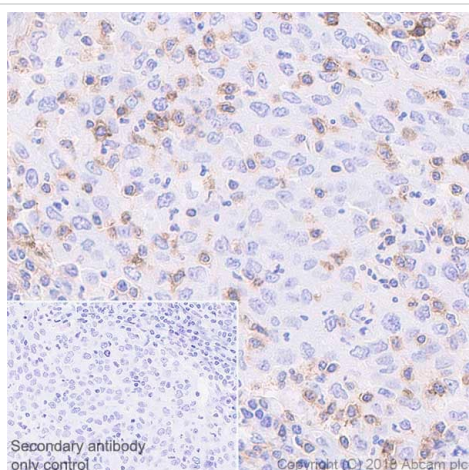
Lane 2: **ab233396** IP in Daudi treated with 50 ng/ml phorbol-12-myristate-13-acetate (PMA) for 24 hours whole cell lysate (+).

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab233396** in Daudi treated with 50 ng/ml phorbol-12-myristate-13-acetate (PMA) for 24 hours whole cell lysate (-).

Blocking/Dilution buffer: 5% NFDm/TBST.

Exposure time: 30 seconds.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab233396**).



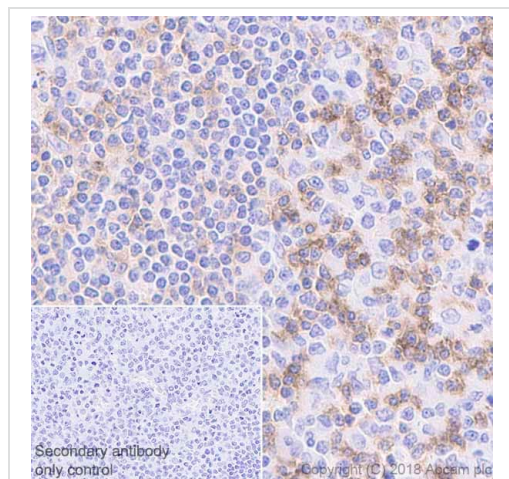
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD69 antibody
[EPR21814] - BSA and Azide free (ab234512)

Immunohistochemical analysis of paraffin-embedded human cervix cancer tissue labeling CD69 with **ab233396** at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Membranous and cytoplasmic staining in infiltrated lymphoid cells of human cervical cancer is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab233396**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD69 antibody [EPR21814] - BSA and Azide free (ab234512)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling CD69 with **ab233396** at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Membranous and cytoplasmic staining in lymphoid cells of human tonsil (PMID: 2807372) is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab233396**).

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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