

Anti-ICOS Ligand/ICOSL antibody [EPR20786] - BSA and Azide free ab239524

リコンビナント **RabMAb**

画像数 3

製品の概要

製品名	Anti-ICOS Ligand/ICOSL antibody [EPR20786] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR20786] to ICOS Ligand/ICOSL - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB, IP
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: Untreated HUVEC whole cell lysate and HUVEC whole cell lysate treated with TNF-alpha.
特記事項	<p>ab239524 is the carrier-free version of ab230946.</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	EPR20786
アイソタイプ	IgG

アプリケーション

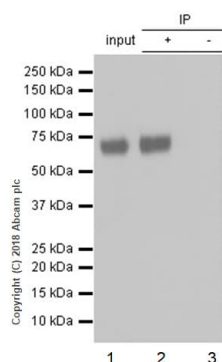
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab239524の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

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 60 kDa (predicted molecular weight: 33 kDa).
IP		Use at an assay dependent concentration.

ターゲット情報

機能	Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function.
組織特異性	Isoform 1 is widely expressed (brain, heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, bone marrow, colon, ovary, prostate, testis, lymph nodes, leukocytes, spleen, thymus and tonsil), while isoform 2 is detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes and dendritic cells.
配列類似性	Belongs to the immunoglobulin superfamily. BTN/MOG family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
細胞内局在	Membrane.

画像



Immunoprecipitation - Anti-ICOS Ligand/ICOSL antibody [EPR20786] - BSA and Azide free (ab239524)

ICOS Ligand/ICOSL was immunoprecipitated from 0.35 mg JAR (human placenta choriocarcinoma cell line) whole cell lysate with **ab230946** at 1/30 dilution. Western blot was performed from the immunoprecipitate using **ab230946** at 1/500 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/1000 dilution.

Lane 1: JAR (human placenta choriocarcinoma cell line) whole cell lysate 10 µg (Input).

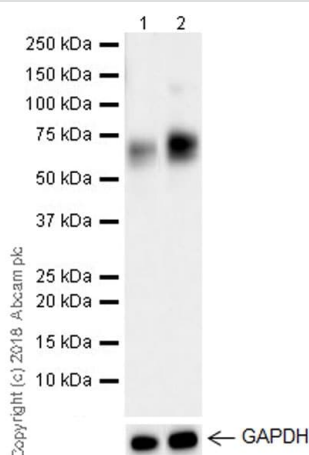
Lane 2: **ab230946** IP in JAR whole cell lysate (+).

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab230946** in JAR whole cell lysate (-).

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

Exposure time: 10 seconds.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab230946**).



Western blot - Anti-ICOS Ligand/ICOSL antibody [EPR20786] - BSA and Azide free (ab239524)

All lanes : Anti-ICOS Ligand/ICOSL antibody [EPR20786] (**ab230946**) at 1/1000 dilution

Lane 1 : Untreated HUVEC (human umbilical vein endothelial cell line) whole cell lysate

Lane 2 : HUVEC whole cell lysate treated with tumor necrosis factor (TNF-alpha, **ab9642**) 200 unit/ml for 24 hours

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 33 kDa

Observed band size: 60 kDa

Blocking and dilution buffer: 5% NFDM/TBST.

Exposure time: 58 seconds.

The level of ICOS Ligand/ICOSL expression can be elevated by TNF-alpha treatment (PMID 11983910, PMID 16049332).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab230946**).

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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