

Anti-CXCL5 antibody [EPR4450(2)] ab126763

KO 評価済 リコンビナント RabMAb

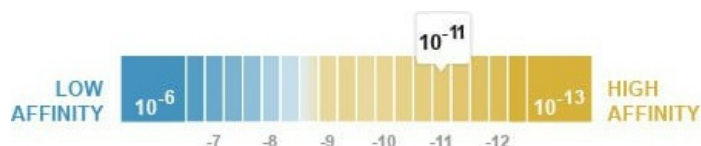
3 References 画像数 5

製品の概要

製品名	Anti-CXCL5 antibody [EPR4450(2)]
製品の詳細	Rabbit monoclonal [EPR4450(2)] to CXCL5
由来種	Rabbit
アプリケーション	適用あり: WB, IP 適用なし: Flow Cyt or IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human CXCL5 aa 100 to the C-terminus. Database link: P42830
ポジティブ・コントロール	WB: A549 cell lysates treated with TNF alpha and TPA; Human CXCL5 recombinant protein. IP: A549 .
特記事項	<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> <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. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 9.50 x 10 ⁻¹¹ M



[Learn more about Kp](#)

バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified
ポリクローナル	モノクローナル
クローン名	EPR4450(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ab126763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。

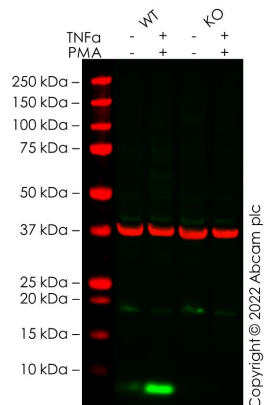
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 8 kDa (predicted molecular weight: 12 kDa).
IP		1/100 - 1/500.

追加情報 Is unsuitable for Flow Cyt or IHC-P.

ターゲット情報

機能	Involved in neutrophil activation. In vitro, ENA-78(8-78) and ENA-78(9-78) show a threefold higher chemotactic activity for neutrophil granulocytes.
配列類似性	Belongs to the intercrine alpha (chemokine CxC) family.
翻訳後修飾	N-terminal processed forms ENA-78(8-78) and ENA-78(9-78) are produced by proteolytic cleavage after secretion from peripheral blood monocytes.
細胞内局在	Secreted.

画像



Western blot - Anti-CXCL5 antibody [EPR4450(2)] (ab126763)

All lanes : Anti-CXCL5 antibody [EPR4450(2)] (ab126763) at 1/1000 dilution

Lane 1 : Wild-type A549 Untreated Control cell lysate

Lane 2 : Wild-type A549 Treated TNF α (10 ng/mL, 24 h) + PMA (10 nM, 24 h) cell lysate

Lane 3 : CXCL5 knockout A549 Untreated Control cell lysate

Lane 4 : CXCL5 knockout A549 Treated TNF α (10 ng/mL, 24 h) + PMA (10 nM, 24 h) cell lysate

Lysates/proteins at 20 μ g per lane.

Secondary

All lanes : Goat anti-Rabbit IgG H&L 800CW and Goat anti-Mouse IgG H&L 680RD at 1/20000 dilution

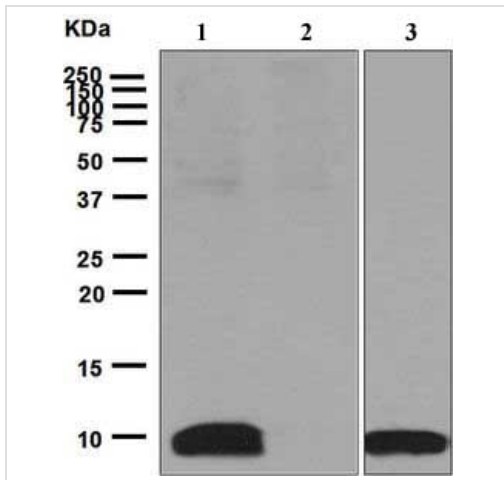
Performed under reducing conditions.

Predicted band size: 12 kDa

Observed band size: 7 kDa

False colour image of Western blot: Anti-CXCL5 antibody [EPR4450(2)] staining at 1/1000 dilution, shown in green; Mouse anti-GAPDH antibody [6C5] ([ab8245](#)) loading control staining at 1/20000 dilution, shown in red. In Western blot, ab126763 was shown to bind specifically to CXCL5. A band was observed at 7 kDa in treated wild-type A549 cell lysates with no signal observed at this size in CXCL5 knockout cell line [ab275838](#) (knockout cell lysate [ab275812](#)). To generate this image, wild-type and CXCL5 knockout A549 cell lysates were analysed. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 3 % milk in TBS-0.1 % Tween[®] 20 (TBS-T) before incubation with primary antibodies

overnight at 4 °C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times then imaged. Secondary antibodies used were Goat anti-Rabbit IgG H&L 800CW and Goat anti-Mouse IgG H&L 680RD at 1/20000 dilution.



Western blot - Anti-CXCL5 antibody [EPR4450(2)] (ab126763)

All lanes : Anti-CXCL5 antibody [EPR4450(2)] (ab126763) at 1/1000 dilution

Lane 1 : A549 cell lysate, treated with TNF alpha and TPA at 10 µg

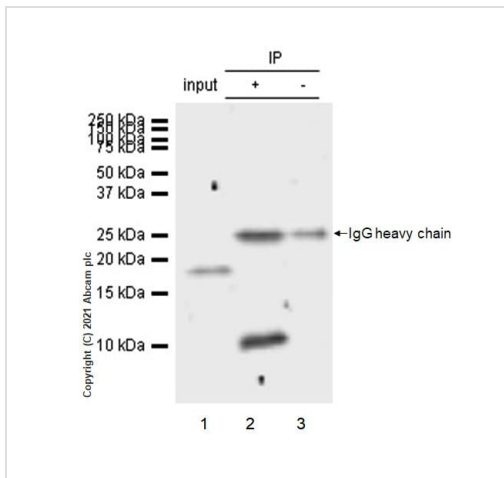
Lane 2 : A549 cell lysate, untreated at 10 µg

Lane 3 : Human CXCL5 recombinant protein at 0.001 µg

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 12 kDa



Immunoprecipitation - Anti-CXCL5 antibody [EPR4450(2)] (ab126763)

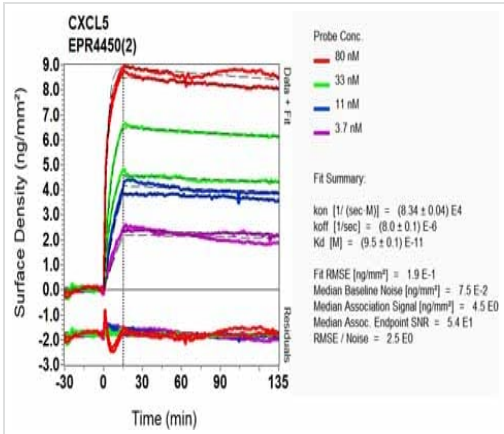
CXCL5 was immunoprecipitated from 0.35 mg A549 (Human lung carcinoma epithelial cell) whole cell lysate 10 µg with 126763 at 1/50 dilution (2µg). VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used at 1/5000 dilution.

Lane 1: A549 (Human lung carcinoma epithelial cell) whole cell lysate 10 µg

Lane 2: ab126763 IP in A549 whole cell lysate

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab126763 in A549 whole cell lysate

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



OI-RD Scanning - Anti-CXCL5 antibody
[EPR4450(2)] (ab126763)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-CXCL5 antibody [EPR4450(2)] (ab126763)

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

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