

Anti-IL-9 antibody [EPR23484-151] ab227037

リコンビナント **RabMAb**

画像数 7

製品の概要

製品名	Anti-IL-9 antibody [EPR23484-151]
製品の詳細	Rabbit monoclonal [EPR23484-151] to IL-9
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), ICC/IF, WB, IP 適用なし: IHC-P
種交差性	交差種: Mouse, Rat, 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	WB: His-tagged mouse IL9 recombinant protein, Mouse and rat spleen, thymus lysates. ICC/IF: 293T cell. Flow Cyt (intra): 293T cell. IP: Mouse spleen lysate.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR23484-151

アイソタイプIgG1

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ab227037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。

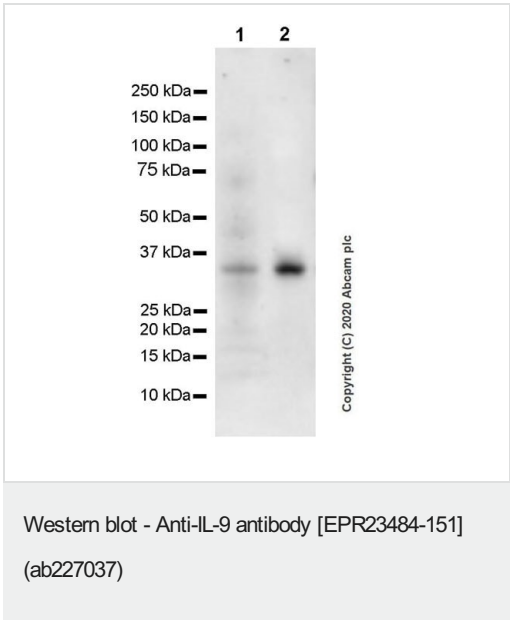
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/500.
ICC/IF		1/500.
WB		1/1000. Predicted molecular weight: 15 kDa.
IP		1/30.

追加情報Is unsuitable for IHC-P.

ターゲット情報

機能Supports IL-2 independent and IL-4 independent growth of helper T-cells.
配列類似性Belongs to the IL-7/IL-9 family.
細胞内局在Secreted.

画像



All lanes : Anti-IL-9 antibody [EPR23484-151] (ab227037) at 1/1000 dilution

Lane 1 : Rat spleen tissue lysate
Lane 2 : Rat thymus tissue lysate

Lysates/proteins at 60 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ab97051) at 1/50000 dilution

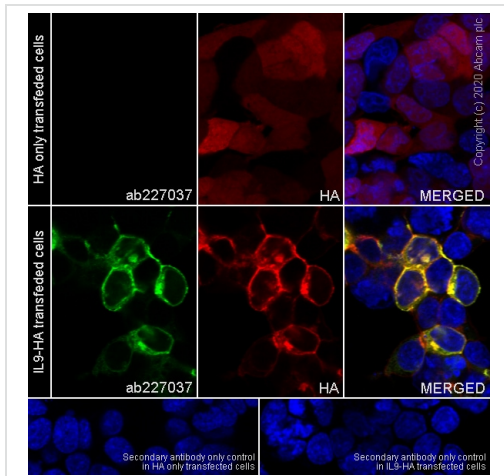
Predicted band size: 15 kDa
Observed band size: 30 kDa

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

This blot was developed using a higher sensitivity ECL substrate.

The expression profile/ molecular weight observed is consistent with what has been described in the literature (PMID: 9806735).

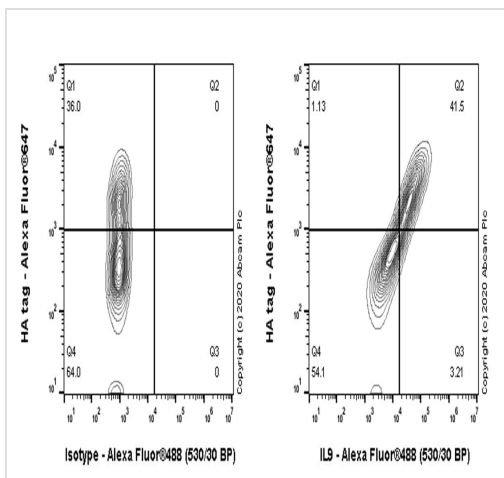
Exposure time: 104 seconds.



Immunocytochemistry/ Immunofluorescence - Anti-IL-9 antibody [EPR23484-151] (ab227037)

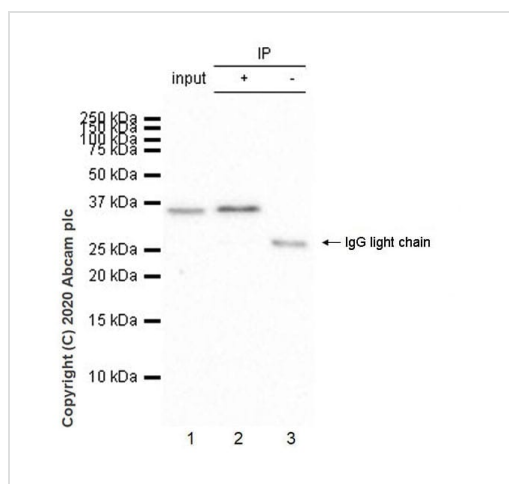
Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized 293T (Human embryonic kidney epithelial cell) transfected with HA tagged mouse IL9 construct cells labelling IL-9 with ab227037 at 1/500 dilution, followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) antibody at 1/1000 2 µg/ml dilution (Green). Confocal image showing strong membranous and cytoplasmic staining in 293T cells transfected with HA tagged mouse IL9 construct. anti-HA.11 Epitope Tag mouse monoclonal antibody (Alexa Fluor® 647) was used to counterstain tubulin at 1/200 dilution (Red). The nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 2 µg/ml dilution.



Flow Cytometry (Intracellular) - Anti-IL-9 antibody [EPR23484-151] (ab227037)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed, 90% methanol permeabilized 293T (Human embryonic kidney epithelial cell) transfected with HA tagged mouse IL9 construct cells labelling IL-9 with ab227037 at 1/500 dilution (0.1 µg) (Right) compared with a Rabbit monoclonal IgG (**ab172730**) isotype control (Left). A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.



Immunoprecipitation - Anti-IL-9 antibody [EPR23484-151] (ab227037)

IL-9 was immunoprecipitated from 0.35 mg mouse spleen tissue lysate 10µg with ab227037 at 1/30 dilution (2µg in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab227037 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP)([ab131366](#)) was used at 1/5000 dilution.

Lane 1: Mouse spleen tissue lysate 10µg

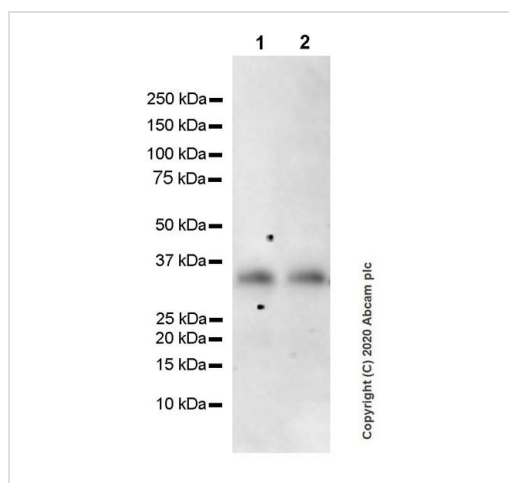
Lane 2: ab227037 IP in mouse spleen tissue lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab227037 in mouse spleen tissue lysate

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

Exposure time: 3 minutes.

This blot was developed using a higher sensitivity ECL substrate.



Western blot - Anti-IL-9 antibody [EPR23484-151] (ab227037)

All lanes : Anti-IL-9 antibody [EPR23484-151] (ab227037) at 1/1000 dilution

Lane 1 : Mouse spleen tissue lysate

Lane 2 : Mouse thymus tissue lysate

Lysates/proteins at 60 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/50000 dilution

Predicted band size: 15 kDa

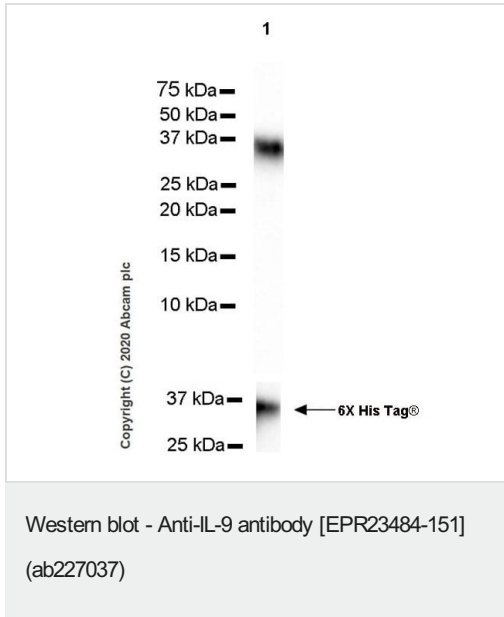
Observed band size: 30 kDa

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

This blot was developed using a higher sensitivity ECL substrate.

The expression profile/ molecular weight observed is consistent with what has been described in the literature (PMID: 9806735).

Exposure time: 3 minutes.



Anti-IL-9 antibody [EPR23484-151] (ab227037) at 1/1000 dilution + His-tagged mouse IL9 recombinant protein, 10 ng

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 15 kDa





Observed band size: 30 kDa

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

The expression profile/ molecular weight observed is consistent with what has been described in the literature (PMID: 9806735).

Exposure time: 10 seconds.

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>

Anti-IL-9 antibody [EPR23484-151] (ab227037)

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

Our Promise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors