

### Anti-Thrombopoietin antibody [EPR14948] ab196026

リコンビナント **RabMAb**

#### 7 References [画像数 7](#)

#### 製品の概要

製品名	Anti-Thrombopoietin antibody [EPR14948]
製品の詳細	Rabbit monoclonal [EPR14948] to Thrombopoietin
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB, ICC/IF, IHC-P
種交差性	<b>交差種:</b> 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	Human fetal liver; Thrombopoietin recombinant protein; Human liver and bone marrow tissues; Jurkat cells.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

#### 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	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR14948
アイソタイプ	IgG

## アプリケーション

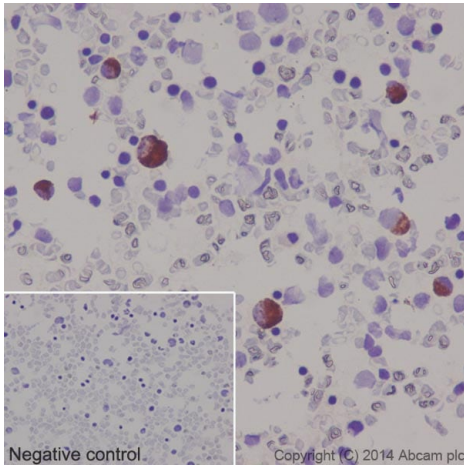
The Abpromise guarantee      Abpromise保証は、 次のテスト済みアプリケーションにおけるab196026の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/40.
WB		1/1000 - 1/5000. Detects a band of approximately 38 kDa (predicted molecular weight: 38 kDa).
ICC/IF		1/50.
IHC-P		1/4000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

## ターゲット情報

機能	Lineage-specific cytokine affecting the proliferation and maturation of megakaryocytes from their committed progenitor cells. It acts at a late stage of megakaryocyte development. It may be the major physiological regulator of circulating platelets.
関連疾患	Defects in THPO are a cause of essential thrombocythemia (ET) [MIM:187950]. ET is inherited as an autosomal dominant trait which is characterized by elevated platelet levels due to sustained proliferation of megakaryocytes, and frequently lead to thrombotic and haemorrhagic complications.
配列類似性	Belongs to the EPO/TPO family.
ドメイン	Two-domain structure with an erythropoietin-like N-terminal and a Ser/Pro/Thr-rich C-terminal.
細胞内局在	Secreted.

## 画像

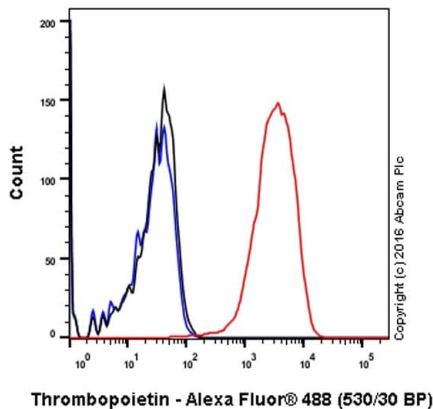


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thrombopoietin antibody [EPR14948] (ab196026)

Immunohistochemical analysis of paraffin-embedded Human bone marrow tissue labeling Thrombopoietin with ab196026 at 1/4000 dilution followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution and counter-stained with Hematoxylin. (inset: negative control).

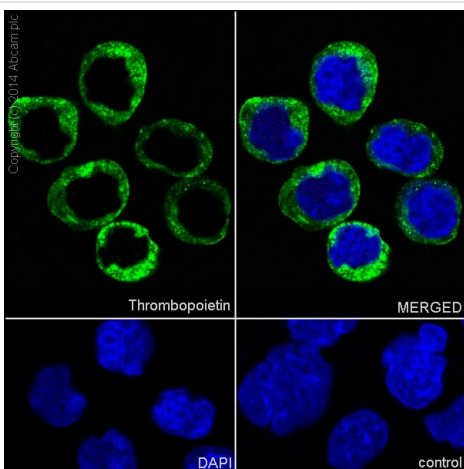
Note: Cytoplasm staining on human bone marrow tissue was observed.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-Thrombopoietin antibody [EPR14948] (ab196026)

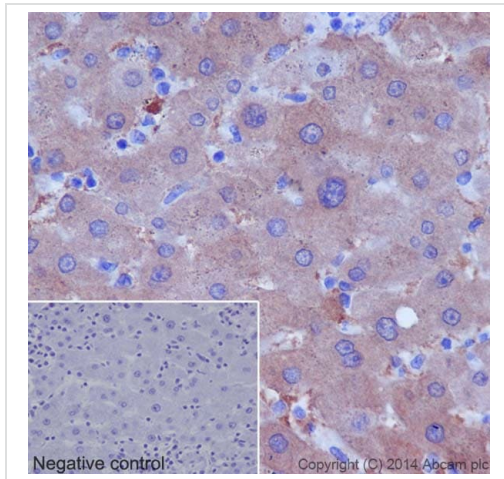
Intracellular Flow Cytometry analysis of Jurkat (human acute T cell leukemia) labelling Thrombopoietin with purified ab196026 at 1/40 (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. Alexa Fluor® 488 goat anti-rabbit IgG (1/2000) was used as the secondary antibody. Black - Isotype control, rabbit monoclonal IgG. Blue - Unlabelled control, cells without incubation with primary and secondary antibodies.



Immunocytochemistry/ Immunofluorescence - Anti-Thrombopoietin antibody [EPR14948] (ab196026)

Immunofluorescent analysis of Jurkat cells (4% Paraformaldehyde-fixed, 0.1% tritonX-100 permeabilized) labeling Thrombopoietin with ab196026 at 1/50 dilution followed by Goat anti rabbit IgG (AlexaFluor® 488) ([ab150077](#)) secondary at 1/400 dilution and counter-stained with DAPI (blue).

Note: Cytoplasm staining on Jurkat cell line was observed.

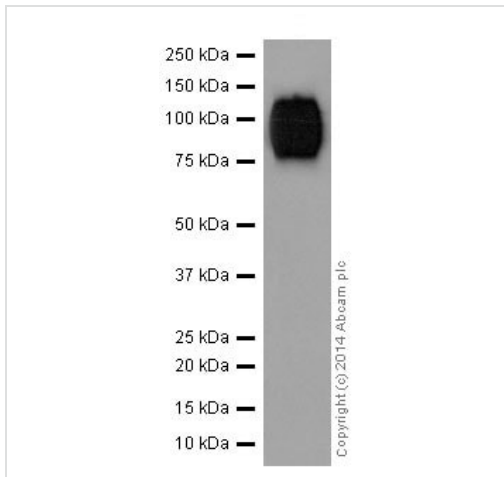


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thrombopoietin antibody [EPR14948] (ab196026)

Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling Thrombopoietin with ab196026 at 1/4000 dilution followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution and counter-stained with Hematoxylin. (inset: negative control).

Note: Cytoplasm staining on human liver tissue was observed.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



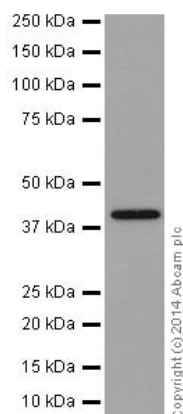
Western blot - Anti-Thrombopoietin antibody [EPR14948] (ab196026)

Anti-Thrombopoietin antibody [EPR14948] (ab196026) at 1/5000 dilution + Thrombopoietin recombinant protein at 0.01 µg

### Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 38 kDa



Western blot - Anti-Thrombopoietin antibody  
[EPR14948] (ab196026)

Anti-Thrombopoietin antibody [EPR14948] (ab196026) at 1/1000 dilution + Human fetal liver at 10 µg

### Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

**Predicted band size: 38 kDa**

### 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-Thrombopoietin antibody [EPR14948]  
(ab196026)

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

### Our Abpromise 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