

### Anti-PDIA6 antibody [EPR10132(B)] ab154820

リコンビナント RabMAb<sup>®</sup>

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

#### 製品の概要

製品名	Anti-PDIA6 antibody [EPR10132(B)]
製品の詳細	Rabbit monoclonal [EPR10132(B)] to PDIA6
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB, ICC/IF
種交差性	<b>交差種:</b> Rat, 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: HepG2, K-562, HT-1080 cell lysates. Rat spleen, Rat testis, and Rat liver tissue lysates. Flow Cyt (Intra): HT-1080 cells. ICC/IF: K-562 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	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% 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	EPR10132(B)
アイソタイプ	IgG

## アプリケーション

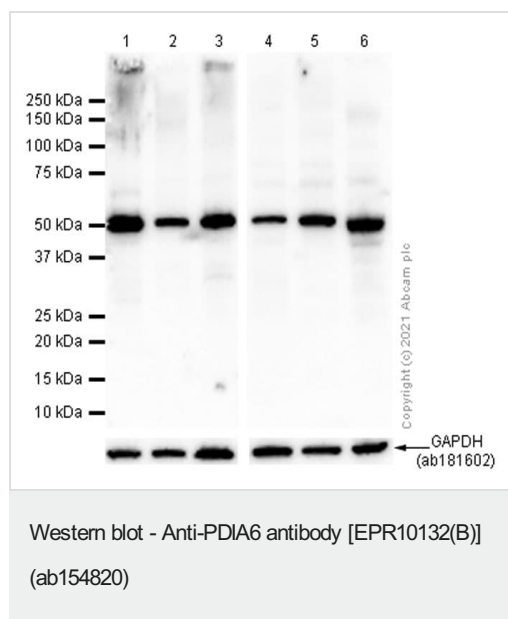
**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab154820の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/100 - 1/500. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (2)	1/1000 - 1/10000. Predicted molecular weight: 48 kDa.
ICC/IF	★★★★★ (1)	1/100. <b>For unpurified use at 1/250 - 1/500.</b>

## ターゲット情報

<b>機能</b>	May function as a chaperone that inhibits aggregation of misfolded proteins. Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin.
<b>組織特異性</b>	Expressed in platelets (at protein level).
<b>配列類似性</b>	Belongs to the protein disulfide isomerase family. Contains 2 thioredoxin domains.
<b>細胞内局在</b>	Endoplasmic reticulum lumen. Cell membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

## 画像



**Lanes 1-3** : Anti-PDIA6 antibody [EPR10132(B)] (ab154820) at 1/1000 dilution (Purified)

**Lanes 4-6** : Anti-PDIA6 antibody [EPR10132(B)] (ab154820) at 1/1000 dilution

**Lane 1** : HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysate

**Lane 2** : K-562 (Human chronic myelogenous leukemia lymphoblast) whole cell lysate

**Lane 3** : HT-1080 (Human fibrosarcoma epithelial cell) whole cell lysate

**Lane 4** : Rat spleen lysate

**Lane 5** : Rat testis lysate

**Lane 6** : Rat liver lysate

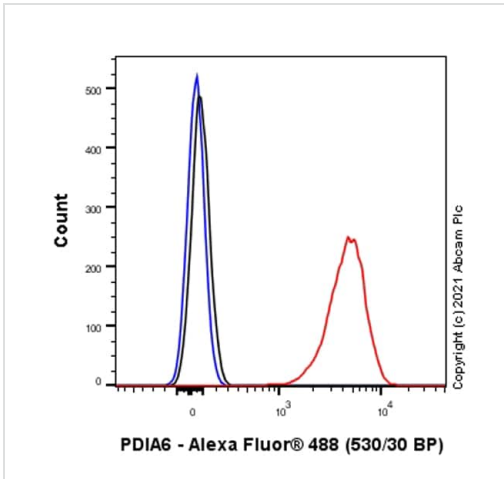
Lysates/proteins at 20 µg per lane.

## Secondary

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

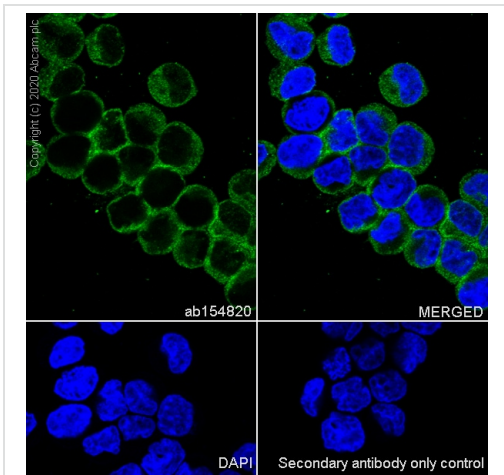
**Predicted band size:** 48 kDa

**Observed band size:** 48 kDa



Flow Cytometry (Intracellular) - Anti-PDIA6 antibody [EPR10132(B)] (ab154820)





Flow Cytometry analysis of HT-1080 (Human fibrosarcoma epithelial cell) cells labelling PDIA6 with purified ab154820 at 1/100 dilution (10 µg/ml) (red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150081**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (black). Unlabelled control - Cell without incubation with primary antibody and secondary antibody (blue).



Immunocytochemistry/ Immunofluorescence - Anti-PDIA6 antibody [EPR10132(B)] (ab154820)

Immunocytochemistry analysis of K-562 (Human chronic myelogenous leukemia lymphoblast) cells labelling PDIA6 with purified ab154820 at 1:100 dilution (9.5 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as a nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.

Why choose a recombinant antibody?

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

Anti-PDIA6 antibody [EPR10132(B)] (ab154820)

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

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