

### Anti-CD32B antibody [EP888Y] ab45143

リコンビナント **RabMAb**

**19 References**    画像数 5

#### 製品の概要

製品名	Anti-CD32B antibody [EP888Y]
製品の詳細	Rabbit monoclonal [EP888Y] to CD32B
由来種	Rabbit
特異性	This antibody has weak cross-reactivity with CD32A and CD32C. It detects weak signal in CD32A and CD32C over-expressed lysates at the dilution of 1/200 under the exposure time of 3 minutes, but detects strong band in CD32B over-expressed lysates at the dilution of 1:2000 under the exposure time of 15 seconds.
アプリケーション	<b>適用あり:</b> WB, IHC-P <b>適用なし:</b> Flow Cyt, ICC/IF or IP
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide corresponding to Human CD32B aa 250-350 (C terminal).
ポジティブ・コントロール	Daudi cell lysate, human lymph node tissue.
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> <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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. 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	EP888Y
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ab45143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。

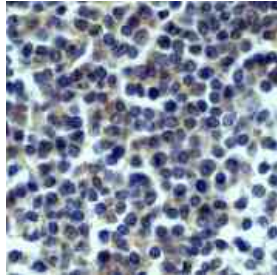
アプリケーション	Abreviews	特記事項
WB		1/10000 - 1/50000. Detects a band of approximately 49-55 kDa.
IHC-P		1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See <b><u>IHC antigen retrieval protocols</u></b> .

**追加情報**      Is unsuitable for Flow Cyt, ICC/IF or IP.

## ターゲット情報

機能	Receptor for the Fc region of complexed or aggregated immunoglobulins gamma. Low affinity receptor. Involved in a variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells. Binding to this receptor results in down-modulation of previous state of cell activation triggered via antigen receptors on B-cells (BCR), T-cells (TCR) or via another Fc receptor. Isoform IIB1 fails to mediate endocytosis or phagocytosis. Isoform IIB2 does not trigger phagocytosis.
組織特異性	Is the most broadly distributed Fc-gamma-receptor. Expressed in monocyte, neutrophils, macrophages, basophils, eosinophils, Langerhans cells, B-cells, platelets cells and placenta (endothelial cells). Not detected in natural killer cells.
関連疾患	Note=A chromosomal aberration involving FCGR2B is found in a follicular lymphoma. Translocation t(1;22)(q22;q11). The translocation leads to the hyperexpression of the receptor. This may play a role in the tumor progression.
配列類似性	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
ドメイン	Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.
細胞内局在	Cell membrane.

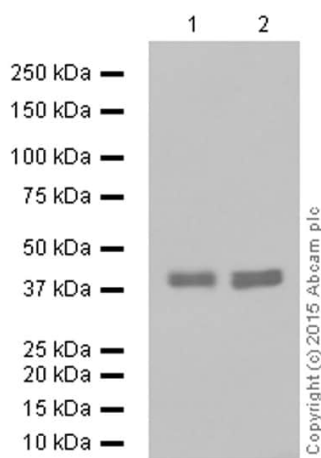
## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD32B antibody [EP888Y] (ab45143)

Unpurified ab45143 staining human CD32 (1/100) in human lymph node by immunohistochemistry using paraffin embedded tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-CD32B antibody [EP888Y] (ab45143)

**All lanes :** Anti-CD32B antibody [EP888Y] (ab45143) at 1/10000 dilution (purified)

**Lane 1 :** Human thyroid lysate

**Lane 2 :** Daudi whole cell lysate

Lysates/proteins at 20 µg per lane.

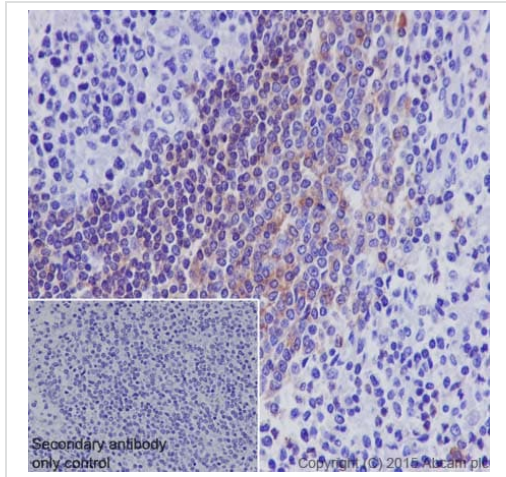
#### Secondary

**All lanes :** Anti-rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

**Observed band size:** 40-44 kDa

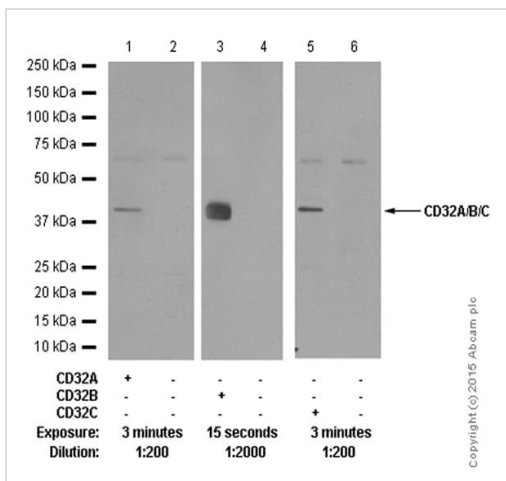
Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD32B antibody [EP888Y] (ab45143)

Immunohistochemical staining of paraffin embedded human spleen with purified ab45143 at a working dilution of 1/1000. The secondary antibody used is **ab97051**, a goat anti-rabbit IgG (H&L) at a dilution of 1/500. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0. PBS was used instead of the primary antibody as the negative control, and is shown in the inset.



Western blot - Anti-CD32B antibody [EP888Y] (ab45143)

**Lanes 1-2 & 5-6 :** Anti-CD32B antibody [EP888Y] (ab45143) at 1/200 dilution (unpurified)

**Lanes 3-4 :** Anti-CD32B antibody [EP888Y] (ab45143) at 1/2000 dilution (unpurified)

**Lane 1 :** Human CD32A overexpressed lysate

**Lanes 2 & 4 & 6 :** Non-transfected lysate

**Lane 3 :** Human CD32B overexpressed lysate

**Lane 5 :** Human CD32C overexpressed lysate

Lysates/proteins at 10 µg per lane.

## Secondary

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

**Observed band size:** 39 kDa

Exposure times: Lanes 1 and 2: 3 minutes, Lanes 3 and 4: 15 seconds, Lanes 5 and 6: 3 minutes.

Blocking and dilution buffer: 5% NFDM/TBST.

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-CD32B antibody [EP888Y] (ab45143)

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