

Anti-CD23 antibody [EPR3617] ab92495

リコンビナント RabMAb

2 References 画像数 10

製品の概要

製品名	Anti-CD23 antibody [EPR3617]
製品の詳細	Rabbit monoclonal [EPR3617] to CD23
由来種	Rabbit
特異性	Recognizes both membrane bound and soluble forms of CD23.
アプリケーション	適用あり: WB, IHC-P, Flow Cyt
種交差性	交差種: Human
免疫原	Synthetic peptide within Human CD23 aa 300-400 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	WB: Human lymph and tonsil lysates; IHC-P: Human tonsil tissue; Flow Cyt: Human peripheral blood mononuclear 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"> - 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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
解離定数 (K _D 値)	K _D = 5.50 x 10 ⁻¹² M





[Learn more about K_D](#)

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	EPR3617
アイソタイプ	IgG

アプリケーション

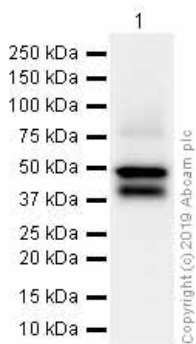
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab92495の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 36 kDa.
IHC-P		1/400. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol. See IHC antigen retrieval protocols . For unpurified use at 1/00 - 1/250.
Flow Cyt		1/20. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	This receptor has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).
配列類似性	Contains 1 C-type lectin domain.
翻訳後修飾	N- and O-glycosylated.
細胞内局在	Cell membrane. Secreted. Also exists as a soluble excreted form.

画像



Western blot - Anti-CD23 antibody [EPR3617]
(ab92495)

Anti-CD23 antibody [EPR3617] (ab92495) at 1/1000 dilution
(Purified) + Human lymph lysates at 15 µg

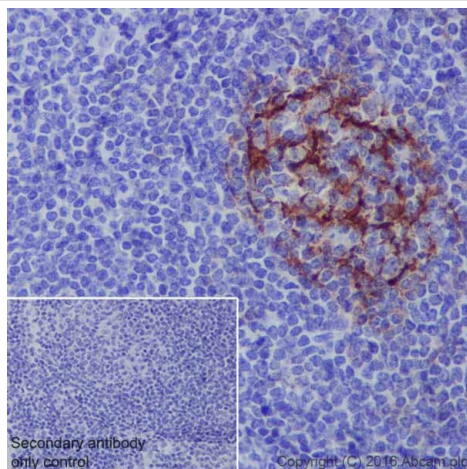
Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with
human IgG at 1/2000 dilution

Predicted band size: 36 kDa

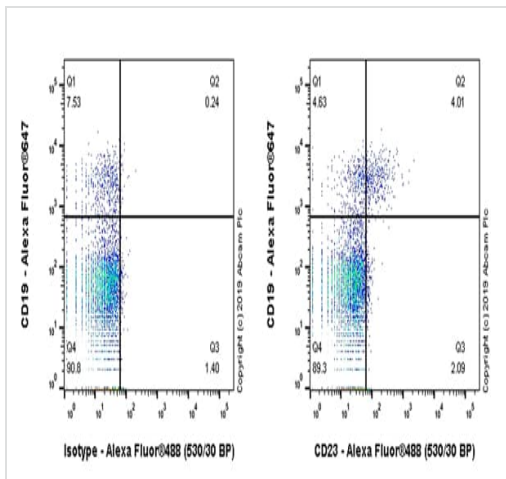
Observed band size: 37,45 kDa

The bands detected by ab92495 are consistent with what have
been described in PMID: 20876574 and PMID: 17389606.



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-CD23 antibody
[EPR3617] (ab92495)

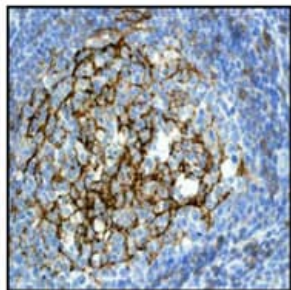
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded
sections) analysis of human tonsil tissue sections labeling CD23
with Purified ab92495 at 1/400 dilution (0.5 µg/ml). Heat mediated
antigen retrieval was performed using [ab93684](#) (Tris/EDTA buffer,
pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use)
was used as the secondary antibody. Negative control: PBS
instead of the primary antibody. Hematoxylin was used as a
counterstain.



Flow Cytometry - Anti-CD23 antibody [EPR3617]
(ab92495)

Flow Cytometry analysis of Human peripheral blood mononuclear (PBMC) cells labeling CD23 with purified ab92495 at 1:20 dilution (10 µg/ml) (Red). A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1:2000. Isotype control - Rabbit monoclonal IgG (Left).

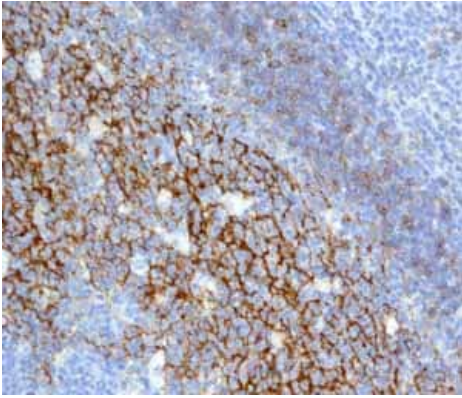
Cells were stained with rabbit IgG (Left) or ab92495 (Right). Then stained with anti-CD19 conjugated to Alexa Fluor® 647. Gated on viable cells.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD23 antibody [EPR3617] (ab92495)

ab92495 (unpurified), at a 1/100 dilution, staining CD23 in formalin fixed, paraffin embedded Human tonsil tissue by Immunohistochemistry. Detection: DAB staining.

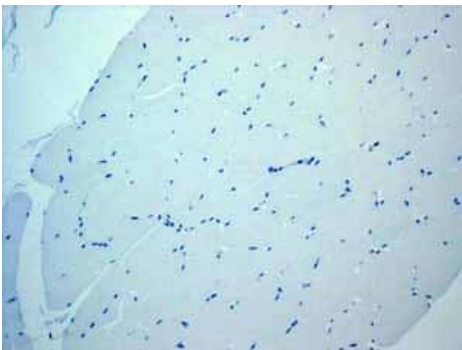
Heat mediated antigen retrieval was performed via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD23 antibody
[EPR3617] (ab92495)

ab92495 (unpurified) showing positive staining in Normal tonsil tissue.

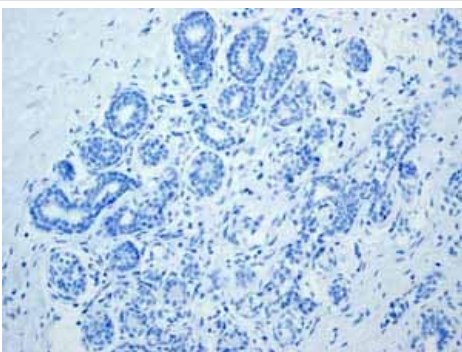
Heat mediated antigen retrieval was performed via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD23 antibody
[EPR3617] (ab92495)

ab92495 (unpurified) showing negative staining in Normal heart tissue.

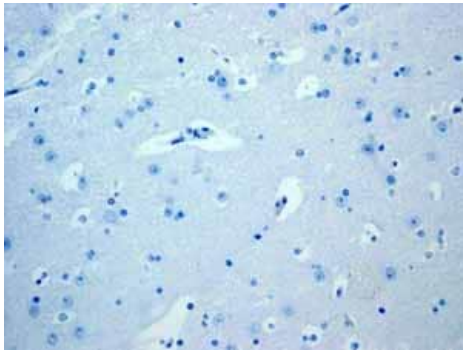
Heat mediated antigen retrieval was performed via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD23 antibody
[EPR3617] (ab92495)

ab92495 (unpurified) showing negative staining in Normal breast tissue.

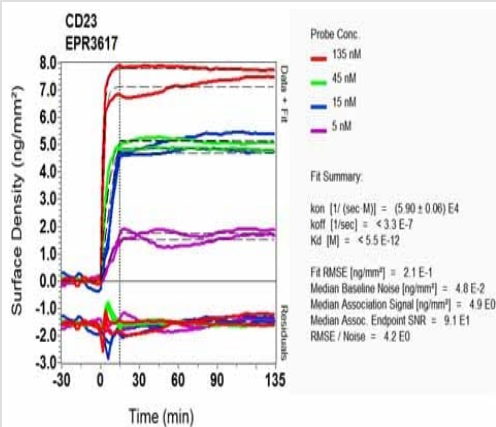
Heat mediated antigen retrieval was performed via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD23 antibody [EPR3617] (ab92495)

ab92495 (unpurified) showing negative staining in Normal brain tissue.

Heat mediated antigen retrieval was performed via the pressure cooker method before commencing with IHC staining protocol.



OI-RD Scanning - Anti-CD23 antibody [EPR3617] (ab92495)

Equilibrium dissociation constant (K_D)

Learn more about K_D

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

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Anti-CD23 antibody [EPR3617] (ab92495)

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