

Anti-CD22 antibody [EP498Y] ab33859

リコンビナント **RabMAb**

4 References [画像数 4](#)

製品の概要

製品名	Anti-CD22 antibody [EP498Y]
製品の詳細	Rabbit monoclonal [EP498Y] to CD22
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF or IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human CD22 aa 1-100 (N terminal). The exact sequence is proprietary.
ポジティブ・コントロール	WB: Raji and Raw264.7 cell lysate and rat spleen tissue 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. 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	EP498Y
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ab33859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。

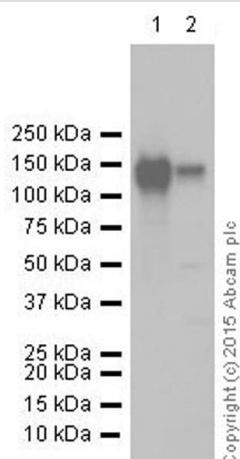
アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 150 kDa (predicted molecular weight: 95 kDa).

追加情報 Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

ターゲット情報

機能	Mediates B-cell B-cell interactions. May be involved in the localization of B-cells in lymphoid tissues. Binds sialylated glycoproteins; one of which is CD45. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling. Plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules.
組織特異性	B-lymphocytes.
配列類似性	Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding Ig-like lectin) family. Contains 6 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
ドメイン	Contains 4 copies 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.
翻訳後修飾	Phosphorylation of Tyr-762, Tyr-807 and Tyr-822 are involved in binding to SYK, GRB2 and SYK, respectively. Phosphorylation of Tyr-842 is involved in binding to SYK, PLCG2 and PIK3R1/PIK3R2. Phosphorylated on tyrosine residues by LYN.
細胞内局在	Cell membrane.

画像



Western blot - Anti-CD22 antibody [EP498Y]
(ab33859)

All lanes : Anti-CD22 antibody [EP498Y] (ab33859) at 1/1000 dilution (purified)

Lane 1 : Rat spleen tissue lysate

Lane 2 : RAW264.7 whole cell lysate

Lysates/proteins at 10 µg per lane.

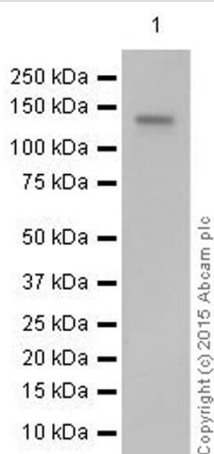
Secondary

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

Predicted band size: 95 kDa

Observed band size: 150 kDa

Blocking and dilution buffer: 5% NFDM /TBST.



Western blot - Anti-CD22 antibody [EP498Y]
(ab33859)

Anti-CD22 antibody [EP498Y] (ab33859) at 1/5000 dilution (purified) + Raji whole cell lysate at 10 µg

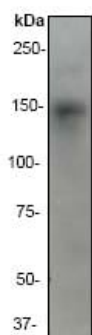
Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 95 kDa

Observed band size: 150 kDa

Blocking and dilution buffer: 5% NFDM /TBST.



Anti-CD22 antibody [EP498Y] (ab33859) at 1/1000 dilution
(unpurified) + Raji cell lysate

Predicted band size: 95 kDa

Observed band size: 150 kDa

Western blot - Anti-CD22 antibody [EP498Y]
(ab33859)

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-CD22 antibody [EP498Y] (ab33859)

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

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