

# Anti-CD22 antibody [EP498Y] ab33859

**重组 RabMAb**

## 4 References [4 图像](#)

### 概述

产品名称	Anti-CD22抗体[EP498Y]
描述	兔单克隆抗体[EP498Y] to CD22
宿主	Rabbit
经测试应用	<b>适用于:</b> WB <b>不适用于:</b> Flow Cyt, ICC/IF or IHC-P
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Synthetic peptide within Human CD22 aa 1-100 (N terminal). The exact sequence is proprietary.
阳性对照	WB: Raji and Raw264.7 cell lysate and rat spleen tissue lysate.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EP498Y
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用ab33859于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

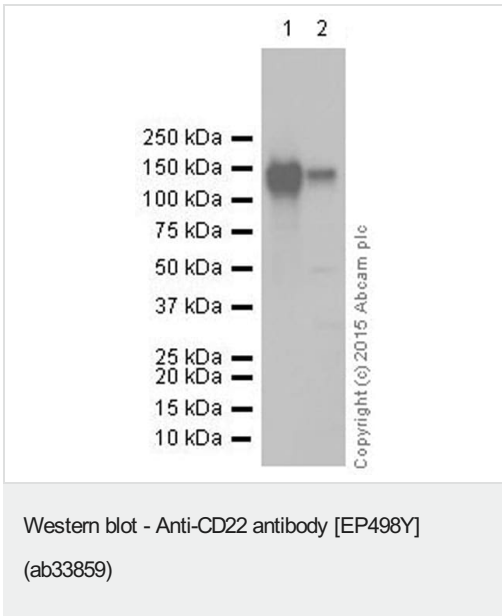
应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 150 kDa (predicted molecular weight: 95 kDa).

**应用说明**      Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	B-lymphocytes.
<b>序列相似性</b>	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.
<b>结构域</b>	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.
<b>翻译后修饰</b>	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.
<b>细胞定位</b>	Cell membrane.

## 图片



**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.

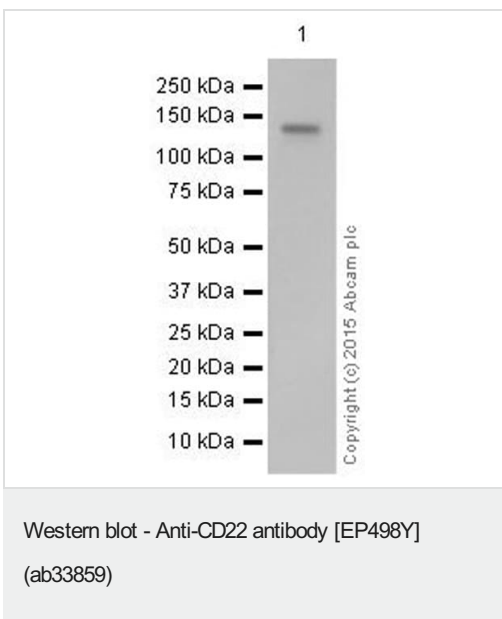
**Secondary**

**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.



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

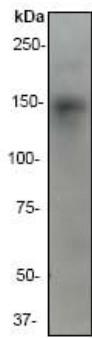
**Secondary**

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?

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