


Product datasheet

Anti-CD19 antibody ab63534

1 References 1 图像

概述

产品名称	Anti-CD19抗体
描述	兔多克隆抗体to CD19
特异性	This antibody detects endogenous levels of total CD19 protein.
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthesized non-phosphopeptide derived from human CD19 around the phosphorylation site of tyrosine 531 (D-S-Y <sup>P</sup> -E-N).
阳性对照	Extracts from COS7 cells

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab63534** in the following tested applications.

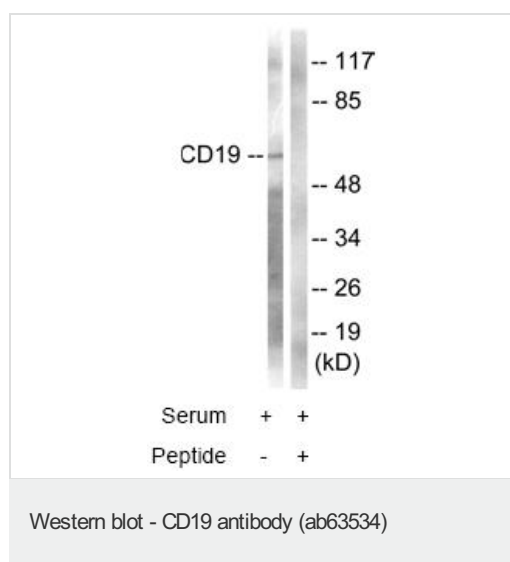
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 61 kDa (predicted molecular weight: 61 kDa).
ELISA		1/40000.

## 靶标

<b>功能</b>	Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.
<b>疾病相关</b>	Defects in CD19 are the cause of immunodeficiency common variable type 3 (CVID3) [MIM:613493]; also called antibody deficiency due to CD19 defect. CVID3 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.
<b>序列相似性</b>	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
<b>翻译后修饰</b>	Phosphorylated on serine and threonine upon DNA damage, probably by ATM or ATR. Phosphorylated on tyrosine following B-cell activation.
<b>细胞定位</b>	Membrane.

## 图片



**All lanes :** Anti-CD19 antibody (ab63534) at 1/500 dilution

**Lane 1 :** Extracts from COS7 cells (5ug-30ug of total protein), treated with Serum (10%, 30mins), without immunising peptide

**Lane 2 :** Extracts from COS7 cells (5ug-30ug of total protein), treated with Serum (10%, 30mins), with immunising peptide (5-10ug)

**Predicted band size :** 61 kDa

**Observed band size :** 61 kDa

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