

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 ^P -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 ²⁺ and Ca ²⁺), 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.

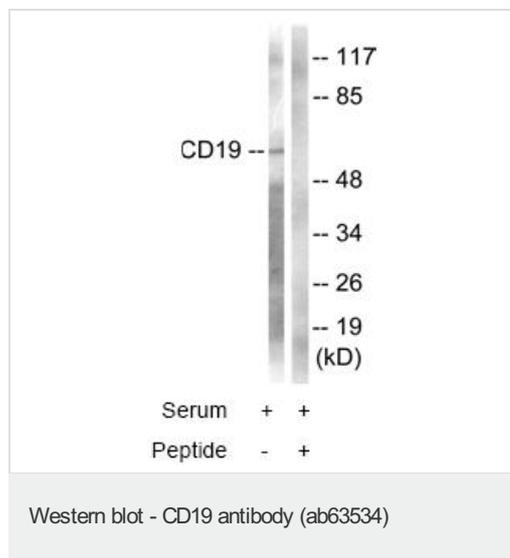
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 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

| | |
|--------------|---|
| 功能 | Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. |
| 疾病相关 | 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. |
| 序列相似性 | Contains 2 Ig-like C2-type (immunoglobulin-like) domains. |
| 翻译后修饰 | Phosphorylated on serine and threonine upon DNA damage, probably by ATM or ATR. Phosphorylated on tyrosine following B-cell activation. |
| 细胞定位 | 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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