

# Anti-TACI antibody ab5994

## 2 图像

### 概述

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产品名称	Anti-TACI抗体
描述	兔多克隆抗体to TACI
宿主	Rabbit
经测试应用	适用于: ICC, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human TACI aa 1-50 (N terminal). The exact sequence is proprietary. (Peptide available as <a href="#">ab6244</a> )
阳性对照	WB: K562 and U937 whole cell lysates. ICC: K562 cells.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

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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 long term. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

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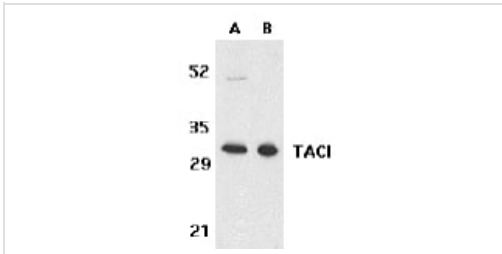
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		Use a concentration of 2 µg/ml.
WB		Use a concentration of 2 - 5 µg/ml. Predicted molecular weight: 32 kDa.

## 靶标

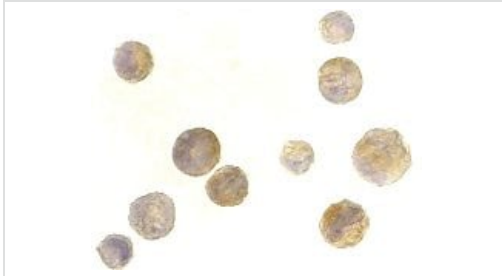
<b>功能</b>	Receptor for TNFSF13/APRIL and TNFSF13B/TALL1/BAFF/BLYS that binds both ligands with similar high affinity. Mediates calcineurin-dependent activation of NF-AT, as well as activation of NF-kappa-B and AP-1. Involved in the stimulation of B- and T-cell function and the regulation of humoral immunity.
<b>组织特异性</b>	Highly expressed in spleen, thymus, small intestine and peripheral blood leukocytes. Expressed in resting B-cells and activated T-cells, but not in resting T-cells.
<b>疾病相关</b>	<p>Defects in TNFRSF13B are the cause of immunodeficiency common variable type 2 (CVID2) [MIM:240500]. CVID2 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.</p> <p>Defects in TNFRSF13B are a cause of immunoglobulin A deficiency 2 (IGAD2) [MIM:609529]. Selective deficiency of immunoglobulin A (IGAD) is the most common form of primary immunodeficiency, with an incidence of approximately 1 in 600 individuals in the western world. Individuals with symptomatic IGAD often have deficiency of IgG subclasses or decreased antibody response to carbohydrate antigens such as pneumococcal polysaccharide vaccine. Individuals with IGAD also suffer from recurrent sinopulmonary and gastrointestinal infections and have an increased incidence of autoimmune disorders and of lymphoid and non-lymphoid malignancies. In vitro studies have suggested that some individuals with IGAD have impaired isotype class switching to IgA and others may have a post-switch defect. IGAD and CVID have been known to coexist in families. Some individuals initially present with IGAD1 and then develop CVID. These observations suggest that some cases of IGAD and CVID may have a common etiology.</p>
<b>序列相似性</b>	Contains 2 TNFR-Cys repeats.
<b>细胞定位</b>	Membrane.

## 图片



Western blot - Anti-TAC1 antibody (ab5994)

Western blot analysis of TAC1 in K562 (A) and U937 (B) cell lysates with ab5994 at 5 µg/ml. Western blot analysis of TAC1 in K562 (A) and U937 (B) cell lysates with ab5994 at 5 µg/ml.



Immunocytochemistry - Anti-TAC1 antibody (ab5994)

ab5994 staining TAC1 in K562 cells with TAC1 antibody at 2 µg/ml by ICC/IF.

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

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