

## Product datasheet

# Anti-TACI antibody (Biotin) ab83515

### 1 References

#### 概述

产品名称	Anti-TACI抗体(Biotin)
描述	山羊多克隆抗体to TACI (Biotin)
宿主	Goat
偶联物	Biotin
经测试应用	适用于: ELISA, Sandwich ELISA, WB, IP
种属反应性	与反应: Human
免疫原	Highly pure (>98%) recombinant human TACI
常规说明	ab83515 is sterile filtered.

#### 性能

形式	Lyophilised:Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: None Constituents: PBS, pH 7.2
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab83515** 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
ELISA		
Sandwich ELISA		

应用	Ab评论	说明
WB		
IP		
<b>应用说明</b>	<p>ELISA: Use at a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant human TACI.</p> <p>sELISA: Use at a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant human TACI.</p> <p>WB: Use at a concentration of 0.1 - 0.2 µg/ml. The detection limit for recombinant human TACI is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Predicted molecular weight: 32 kDa.</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>	
<b>靶标</b>		
<b>功能</b>	<p>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.</p>	
<b>组织特异性</b>	<p>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.</p>	
<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>	<p>Contains 2 TNFR-Cys repeats.</p>	
<b>细胞定位</b>	<p>Membrane.</p>	

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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