

## Product datasheet

# Anti-TACI antibody (Biotin) ab83515

### 1 References

#### 製品の概要

製品名	Anti-TACI antibody (Biotin)
製品の詳細	Goat polyclonal to TACI (Biotin)
由来種	Goat
標識	Biotin
アプリケーション	<b>適用あり:</b> ELISA, Sandwich ELISA, WB, IP
種交差性	<b>交差種:</b> Human
免疫原	Highly pure (>98%) recombinant human TACI
特記事項	ab83515 is sterile filtered.

#### 製品の特性

製品の状態	Lyophilised: Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: None Constituents: PBS, pH 7.2
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

#### アプリケーション

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.

アプリケーション	Abreviews	特記事項
ELISA		
Sandwich ELISA		

アプリケーション	Abreviews	特記事項
WB		
IP		
<b>追加情報</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>ターゲット情報</b>		
<b>機能</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>組織特異性</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>関連疾患</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>配列類似性</b>	<p>Contains 2 TNFR-Cys repeats.</p>	
<b>細胞内局在</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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