

## Product datasheet for **PP1218P2**

### TACI (TNFRSF13B) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>Neutralization.</b> <b>Sandwich ELISA:</b> To detect Human TACI by Sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antibody in conjunction with biotinylated anti-Human TACI (PP1218B1 and PP1218B2), allows the detection of at least 0.2-0.4 ng/well of recombinant Human TACI. <b>Western Blot:</b> To detect Human TACI by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human TACI is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	<i>E. Coli</i> derived recombinant Human TACI.
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized (sterile filtered) purified Ig fraction.
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography employing immobilized Hman TACI matrix.
Conjugation:	Unconjugated
Storage:	The lyophilized antibody is stable at room temperature for up to one month. The reconstituted solution can be stored at 2-8°C for at least two weeks. Frozen aliquots are stable for at least six months when stored at -20°C. Avoid repeated freezing and thawing.
Gene Name:	tumor necrosis factor receptor superfamily member 13B
Database Link:	<a href="#">Entrez Gene 23495 Human</a> <a href="#">O14836</a>



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**Background:** TACI is a lymphocyte specific member of the tumor necrosis factor (TNF) receptor superfamily. It interacts with calcium-modulator and cyclophilin ligand (CAML). The protein binds to both APRIL and BAFF and induces activation of the transcription factors NFAT (nuclear-factor of activated T cells), AP1, and NF kappa B and plays a crucial role in humoral immunity by interacting with a TNF ligand. This gene is located within the Smith Magenis syndrome region on chromosome 17.

**Synonyms:** TNFRSF13B