

Product datasheet for **PP1218B2**

TACI (TNFRSF13B) Goat Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA, WB |
| Recommended Dilution: | ELISA: To detect hTACI by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hTACI. Western Blot: To detect hTACI 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 hTACI is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Immunogen: | Highly pure (>98%) recombinant hTACI (human TACI). |
| Formulation: | PBS, pH 7.2 without preservatives. Label: Biotin State: Lyophilized purified Ig fraction. Label: conjugated |
| Reconstitution Method: | Restore to a concentration of 50 mg/ml with sterile PBS solution containing 0.1% BSA. |
| Purification: | Affinity chromatography |
| Conjugation: | Biotin |
| Storage: | Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | tumor necrosis factor receptor superfamily member 13B |
| Database Link: | Entrez Gene 23495 Human O14836 |



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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