

**PP1124B2****Polyclonal Antibody to TWEAK / TNFSF12 - Biotin**

**Alternate names:** APO3 ligand, APO3L, DR3LG, TNF-related weak inducer of apoptosis, Tumor necrosis factor ligand superfamily member 12

**Quantity:** 50 µg

**Uniprot ID:** [O43508](#)

**NCBI:** [NP\\_003800.1](#)

**GenelD:** [407977](#)

**Host:** Goat

**Immunogen:** Highly pure (>98%) recombinant hTWEAK.

**Format:** **State:** Lyophilized purified Ig fraction

**Purification:** Affinity chromatography.

**Buffer System:** PBS, pH 7.2 without preservatives

**Label:** Biotin – conjugated

**Reconstitution:** Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

**Applications:**

**ELISA:**

(Direct): To detect hTWEAK by direct ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant hTWEAK.

(Sandwich): To detect hTWEAK by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Human TWEAK PP1124P as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hTWEAK.

**Western Blot:** To detect hTWEAK 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 hTWEAK is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:** Human TWEAK

**Add. Information:** Centrifuge vial prior to opening!

**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.  
Shelf life: One year from despatch.