

## TNFRSF11B RABBIT PAB

**Cat.#:** S216698

**Product Name:** Anti-TNFRSF11B Rabbit Polyclonal Antibody

**Synonyms:** OPG; TR1; OCIF; PDB5

**UNIPROT ID:** O00300 (Gene Accession - BC030155 )

**Background:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest that this protein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined.

**Immunogen:** Fusion protein of human TNFRSF11B

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

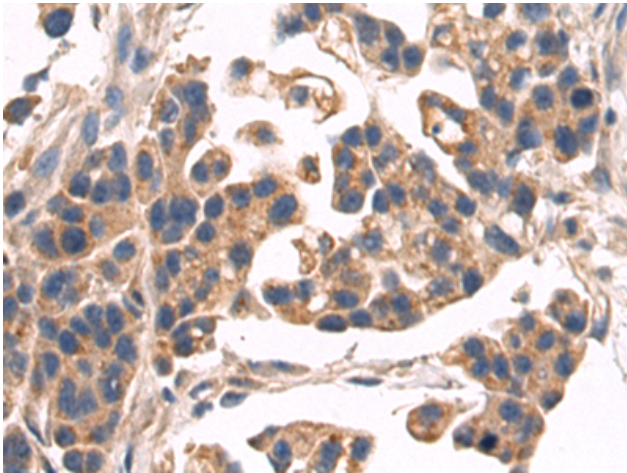
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

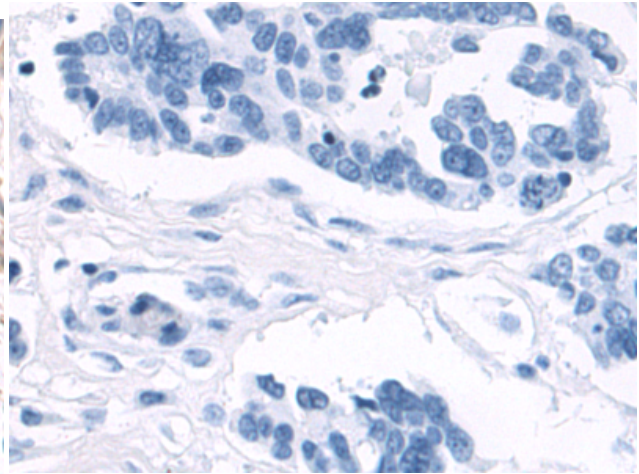
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Metabolism, Cardiovascular, Immunology

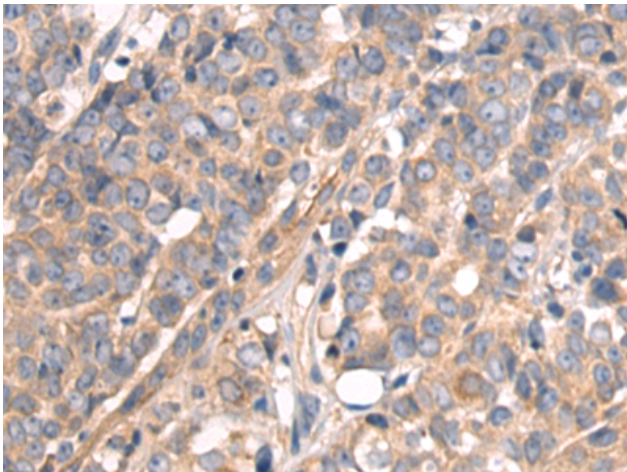
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



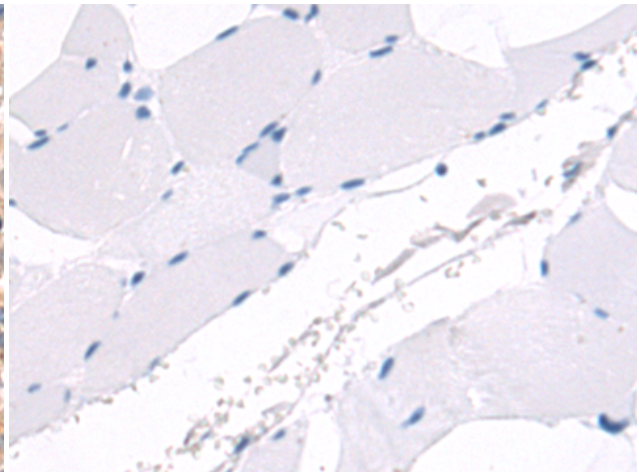
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 216698 (TNFRSF11B Antibody) at a dilution of 1/75 (Secreted).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 216698 (Anti-TNFRSF11B Antibody) at dilution 1/75.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 216698 (Anti-TNFRSF11B Antibody) at a dilution of 1/75.



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D221075 (Anti-TNFRSF11B Antibody) at dilution 1/75.