

CD254 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251263

Unit: 0.1 mg

Description:

Tumor necrosis factor ligand superfamily member 11 (CD254) is a cytokine that binds to TNFRSF11B/OPG and to TNFRSF11A/RANK. CD254 augments the ability of dendritic cells to stimulate naive T-cell proliferation. CD254 is an important regulator of interactions between T-cells and dendritic cells and plays a role in the regulation of the T-cell-dependent immune response. CD254 also plays a role in enhanced bone-resorption in humoral hypercalcemia of malignancy. Defects in CD254 are the cause of osteopetrosis autosomal recessive type 2 (OPTB2), also known as osteoclast-poor osteopetrosis. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, D, H, M, P, R

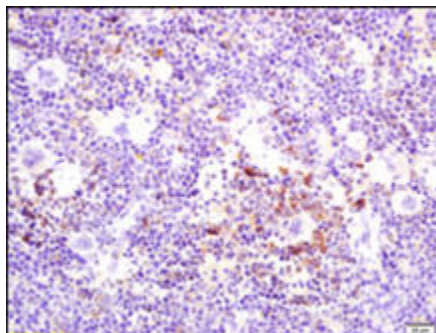
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: RANKL; Osteoprotegerin ligand; OPGL; Tumor necrosis factor ligand superfamily 11; Receptor activator of nuclear factor kappa B ligand; TNF-related activation-induced cytokine; TRANCE; Osteoclast differentiation factor; ODF; CD254

Accession No.: O14788

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD254.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



CD254 staining in mouse spleen. Formalin-fixed paraffin-embedded mouse spleen tissue is stained with CD254 Antibody (Cat. No. 251263) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.