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TNFSF11
Rat Anti-Mouse RANKL Clone IK22/5 Biotin mAb

Catalog No.	CSI10157 CSI10158	**Quantity:**	50 µg 0.5 mg

Alternate Names: Tumor necrosis factor-related activation-induced cytokine, Receptor activator of NF-κB ligand (RANK L), Osteoprotegerin ligand (OPGL), Osteoclast differentiation factor (ODF), SOFA, TNFSF-11, CD254, RANKL

Description: CD254 is a 19 kD TNF superfamily member also known as TRANCE (TNF-related activation induced cytokine), RANK ligand, RANKL, TNFSF11, OPGL, and ODF. TRANCE is expressed on activated T cells and osteoclasts and has been implicated in the regulation of T cell and dendritic cell interactions as well as osteoclast differentiation.

Concentration: 0.5 mg/ml

Gene ID: 21943

Host: Rat

Immunogen: NSO-derived recombinant mouse TRANCE

Isotype: Rat IgG2a, κ

Clone: IK22/5

Bioactivity: Activates JNK and NF-κB; involved in bone resorption; induces the expression of IL-1, IL -6, IL-12, IL-15 in dendritic cells

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Purification: The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Reactivity: Mouse

Applications: FC

Recommended Usage: Each lot of this antibody is quality control tested by immuno-fluorescent staining with flow cytometric analysis. For flow cytometric analysis, the suggested use of this reagent is ≤1.0 µg per 10^6 cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Storage & Stability: The antibody solution should be stored undiluted at 2-4°C. **Do not freeze.**

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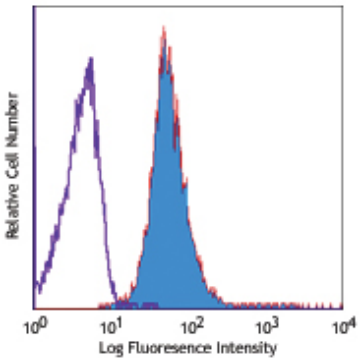
Mouse TRANCE transfected cells stained with biotinylated IK22-5, followed by Sav-PE



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