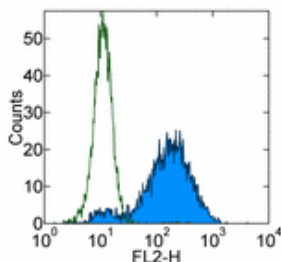


Anti-Mouse CD265 (RANK) PE

Catalog Number: 12-6612

Also Known As: Receptor Activator of NF-κB

RUO: For Research Use Only



Staining of CD265-transfected cells with 0.5 µg of Rat IgG2a κ Isotype Control PE (cat. 12-4321) (open histogram) or 0.5 µg of Anti-Mouse CD265 (RANK) PE (filled histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD265 (RANK) PE

REF Catalog Number: 12-6612

Clone: R12-31

Concentration: 0.2 mg/ml

Host/Isotype: Rat IgG2a, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The R12-31 monoclonal antibody reacts with mouse RANK (Receptor activator of NF-κB), a recently cloned member of the TNFR superfamily with no significant homology to other members of this family. RANK ligand (RANKL/TRANCE/ OPGL) binds to RANK on dendritic cells, upregulates the expression of anti-apoptotic protein Bcl-X_L suggesting a role in dendritic cell survival. The cytoplasmic domain of RANK interacts with TRAF2, TRAF5 and TRAF6. Overexpression of RANK activates NF-κB and c-Jun-terminal kinase (JNK) pathways. Recent studies have shown that RANK interaction with TRAF6 activates NF-κB, whereas JNK activation is mediated through binding of RANK to TRAF2.

Applications Reported

The R12-31 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This R12-31 antibody has been tested by flow cytometric analysis of mouse RANK-transfected cells. This can be used at less than or equal to 1.0 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

12-4321 Rat IgG2a K Isotype Control PE

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