

ABflo® 488 Rabbit anti-Mouse RANK/CD265 mAb

Catalog No.: A27178

Basic Information

Observed MW

Calculated MW

67kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC65571-ABflo488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Enables tumor necrosis factor-activated receptor activity. Involved in several processes, including circadian temperature homeostasis; positive regulation of fever generation by positive regulation of prostaglandin secretion; and tumor necrosis factor-mediated signaling pathway. Acts upstream of or within several processes, including hematopoietic or lymphoid organ development; mammary gland alveolus development; and positive regulation of bone resorption. Located in cell surface. Is expressed in bladder and lymphatic system. Human ortholog(s) of this gene implicated in Paget's disease of bone; autosomal recessive osteopetrosis 7; bone development disease; familial expansile osteolysis; and osteoporosis. Orthologous to human TNFRSF11A (TNF receptor superfamily member 11a).

Immunogen Information

Gene ID

21934

Swiss Prot

O35305

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 31-213 of mouse RANK/CD265 (NP_033425.3).

Synonyms

OFE; ODFR; Rank; Ly109; mRANK; TRANCE-R

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

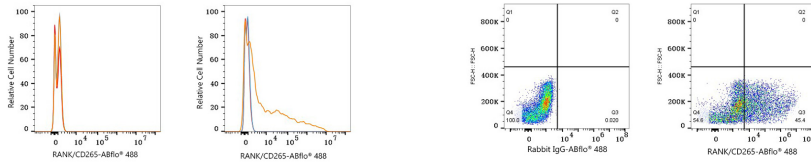
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 293T cells (negative control, left) and 293T cells (Transfection, right) were surface-stained with ABflo® 488 Rabbit anti-Mouse RANK/CD265 mAb (A27178, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 293T (Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Mouse RANK/CD265 mAb (A27178, 5 μ l/Test, right).