

ABflo® 488 Rabbit anti-Human CaSR mAb

Catalog NO.: A26713 **1 Publications**

Basic Information

Observed MW

Calculated MW

121kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC69622

Background

The protein encoded by this gene is a plasma membrane G protein-coupled receptor that senses small changes in circulating calcium concentration. The encoded protein couples this information to intracellular signaling pathways that modify parathyroid hormone secretion or renal cation handling, and thus this protein plays an essential role in maintaining mineral ion homeostasis. Mutations in this gene are a cause of familial hypocalciuric hypercalcemia, neonatal severe hyperparathyroidism, and autosomal dominant hypocalcemia.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

846

Swiss Prot

P41180

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

CAR; FHH; FIH; HHC; EIG8; HHC1; NSHPT; PCAR1; hCasR; GPRC2A; HYPOC1

Contact

Product Information

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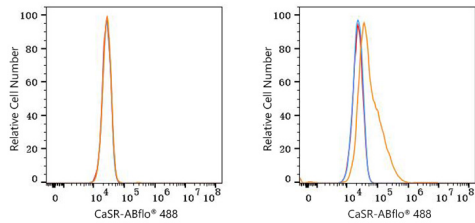
Source
Rabbit

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: 1X10⁶ 293T cells (negative control,left) and 293T (Transfection,right) cells were surface-stained with ABflo[®] 488 Rabbit anti-Human CaSR mAb (A26713,5 µl/Test,orange line) or ABflo[®] 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

