

ABflo® 488 Rabbit anti-Human CD87/PLAUR mAb

Catalog No.: A24230

Basic Information

Observed MW

Calculated MW

31kDa/32kDa/36kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC61417-ABflo488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene encodes the receptor for urokinase plasminogen activator and, given its role in localizing and promoting plasmin formation, likely influences many normal and pathological processes related to cell-surface plasminogen activation and localized degradation of the extracellular matrix. It binds both the proprotein and mature forms of urokinase plasminogen activator and permits the activation of the receptor-bound pro-enzyme by plasmin. The protein lacks transmembrane or cytoplasmic domains and may be anchored to the plasma membrane by a glycosyl-phosphatidylinositol (GPI) moiety following cleavage of the nascent polypeptide near its carboxy-terminus. However, a soluble protein is also produced in some cell types. Alternative splicing results in multiple transcript variants encoding different isoforms. The proprotein experiences several post-translational cleavage reactions that have not yet been fully defined.

Immunogen Information

Gene ID

5329

Swiss Prot

Q03405

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 23-303 of human CD87/PLAUR (NP_002650.1).

Synonyms

PLAUR; CD87; U-PAR; UPAR; URKR; plasminogen activator; urokinase receptor

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

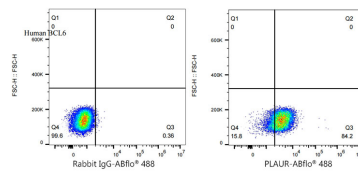
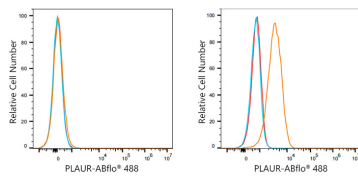
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 Daudi cells (negative control, left) and U-87MG cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD87/PLAU mAb (A24230, 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 U-87MG cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human CD87/PLAU mAb (A24230, 5 μ l/Test, right).