

Anti-OLFM4/GW112 antibody



Catalog Number: 104067

Product name

Anti-OLFM4/GW112 antibody

Immunogen

[Human OLFM4/GW112 \(His Tag\) recombinant protein](#)

Specificity

Human OLFM4 / GW112

Antibody description

Mouse monoclonal to OLFM4/GW112

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human OLFM4 / GW112 (rh OLFM4 / GW112; NP_006409.3; Met 1-Gln 510).

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG1

Applications

ELISA, FCM, IF, ICC/IF

Dilutions

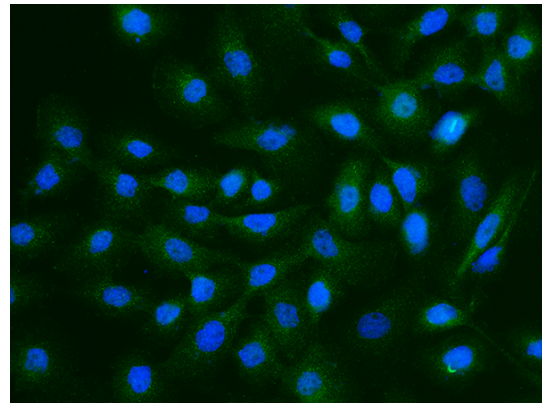
ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect Human OLFM4.

FCM: 0.5-2 µg/Test

ICC/IF: 10-25 µg/mL

Validations



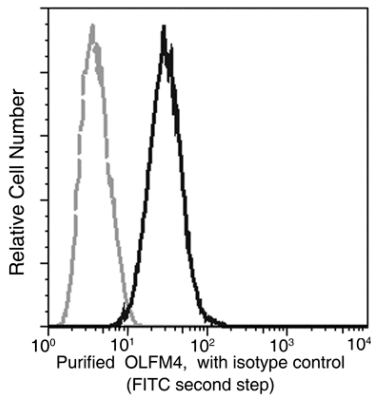
OLFM4 / GW112 Antibody, Mouse MAb, Immunofluorescence

Immunofluorescence staining of Human OLFM4 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with Mouse anti-Human OLFM4 monoclonal antibody (15 µg/ml) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.

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OLFM4 / GW112 Antibody, Mouse MAb, Flow cytometric

Flow cytometric analysis of Human OLFM4 expression in DU145 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), and stained with Purified Mouse anti-OLFM4 (11639-MM12, 1 µg/test), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.