

Product Data Sheet

Purified anti-mouse CD98 (4F2)

Catalog # / Size: 128202 / 500 µg

Clone: RL388

Isotype: Rat IgG2a, κ

Immunogen: Subline of mouse T lymphoma EL4

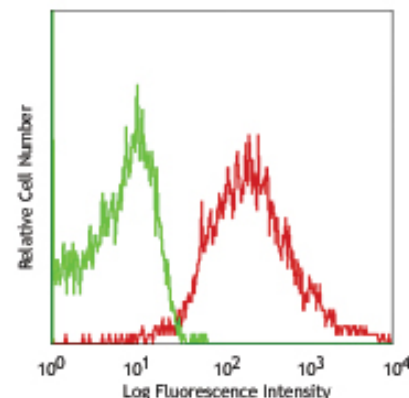
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



Balb/c splenocytes stained with purified RL388, followed by biotinylated anti-rat IgG and Sav-PE

Applications:

Applications: FC - *Quality tested*
IP - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 µg per 10^6 cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Luscher B, *et al.* 1985. *J. Immunol.* 135 :3951
2. MacDonald HR, *et al.* 1985. *J. Immunol.* 135 :3944

Description: CD98 is a cell surface glycoprotein of 125 kd consisting of an 85 kd heavy chain and a 40 kd light chain. It is expressed on T, B, NK cells, granulocytes and many cell lines and tumor cells. CD98 has been shown to be involved in sodium-dependent calcium flux in muscle cells and lymphocyte activation.

Antigen References: 1. Luscher B, *et al.* 1985. *J. Immunol.* 135 :3951
2. MacDonald HR, *et al.* 1985. *J. Immunol.* 135 :3944

Related Products: **Product**
Purified Rat IgG2a, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
RTK2758

Application
FC, ICC, IF, IHC, IP, WB
FC, ICC, ICFC
FC, ICFC



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