

PRODUCT DATA SHEET

Product: Anti-HVEM, clone Laury-1

Cat. No.: MC-563 (100 µg)

Synonyms:

Herpesvirus Entry Mediator A; ATAR; LIGHT-R; TR2; TNFRSF 14; Tumor Necrosis Factor Receptor-like 2.

Specificity:

Recognizes HVEM

Species Reactivity:

Human. Other species not tested.

Isotype:

Rat IgG_{2a}

Immunogen:

Recombinant human HVEM:Fc. The extracellular domain of human HVEM (aa 39-200) is fused to the Fc domain of human IgG₁.

Format:

100 µg of antibody at 1 mg/mL in a solution of PBS with 0.02% sodium azide. Purity >95% as determined by SDS-PAGE.

Storage:

Store at 4°C short term and at -20°C long term. Aliquot to avoid freeze/thaw cycles.

Applications and Suggested Dilutions:

- Flow cytometry: Use at a 1:1,000 dilution
- Immunoprecipitation: Use at a 1:200 dilution

The researcher should determine the optimal dilution for a specific application.

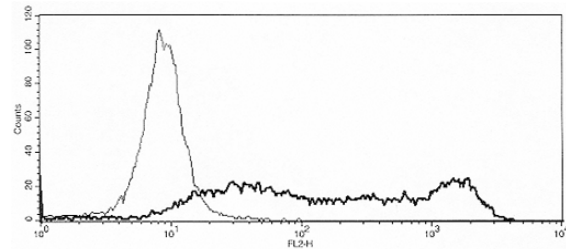


Figure: FACS analysis of cells with antibody to HVEM (MC-563).

Method: HEK 293T cells (5×10^5) were mock transfected (thin line) or transfected with an expression plasmid enabling surface expression of the extracellular domain of human HVEM (thick line). Cells were incubated on ice for 30 min in 50 µL FACS buffer (PBS, 5% fetal calf serum, 0.02% azide) containing 1 µg/mL of antibody to HVEM (MC-563). After washing in FACS buffer, R-PE-conjugated antibody to rat IgG was added. Cells were incubated on ice for 30 min, washed and then analyzed by flow cytometry.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.