

PRODUCT DATA SHEET

Product: Anti-LT β R, clone Carlos-1

Cat. No.: MC-564 (100 μ g)

Synonyms:

Lymphotoxin- β Receptor; Tumor Necrosis Factor Receptor 2 related Protein; Tumor Necrosis Factor C Receptor; TNFRSF 3; Tumor Necrosis Factor Receptor Superfamily Member 3

Specificity:

Recognizes human LT β R

Species Reactivity:

Human. Other species not tested.

Isotype:

Rat IgG₁

Immunogen:

Recombinant human LT β R:Fc. The cysteine-rich region of human LT β R (aa 28-220) is fused to the Fc portion of human IgG₁.

Format:

100 μ g of antibody at 1 mg/mL purified from concentrated hybridoma tissue culture supernatant. Prepared in 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.

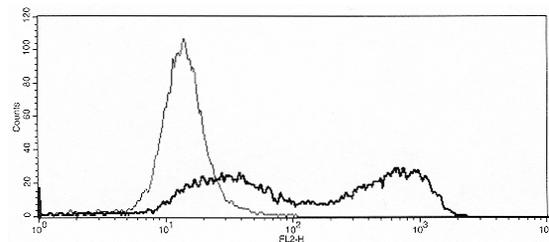


Figure: FACS analysis of cells with MAb to LT β R (MC-564) Method: HEK 293T cells (5×10^5) were mock transfected (thin line) or transfected with an expression plasmid enabling surface expression of the extracellular domain of human LT β R (thick line). Cells were incubated on ice for 30 minutes in 50 μ L FACS buffer (PBS, 5% fetal calf serum, 0.02% azide) containing 1 μ g/mL of antibody to LT β R (MC-564). After washing in FACS buffer, R-PE-conjugated antibody to rat IgG was added. Cells were incubated on ice for 30 minutes, 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