

## PRODUCT DATA SHEET

**Product:** Fn14(mouse):Fc-FITC, (human recombinant)

**Cat. No.:** BC-317 (50 µg)

**Synonyms:**

TWEAK-R; TNFRSF 12A; Fibroblast Growth Factor-inducible Immediate-early Response Protein 14; CD266

**Source/Host:**

Produced in HEK 293 cells. The extracellular domain of mouse Fn14 (aa 1-75) is fused to the Fc portion of human IgG<sub>1</sub>.

**Molecular Weight:**

~34 kDa as determined by SDS-PAGE.

**Format:**

50 µg at 1 mg/mL in PBS containing 0.02% sodium azide. For maximum product recovery, after thawing, centrifuge the vial before opening the cap.

**Purity:**

≥95% as determined by SDS-PAGE.  
Endotoxin: <0.1 EU/µg of purified protein (LAL test).

**Application:**

Flow cytometry

**Biological Activity:**

Inhibits TWEAK-mediated killing of Kym-1 target cells. Binds to human and mouse TWEAK.

**Storage:**

Store at -20°C. After opening, prepare aliquots and store at -20°C.

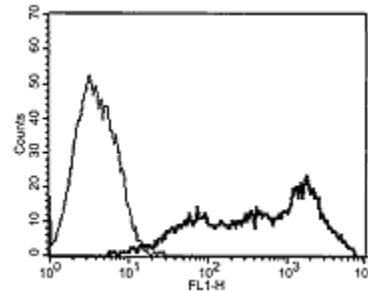


Figure: HEK 293T cells were mock transfected (thin line) or transfected with an expression plasmid coding for the extracellular domain of human TWEAK (thick line). Method: Cells ( $5 \times 10^5$ ) were incubated on ice for 30 min in 50 µL FACS buffer (PBS, 5% fetal calf serum, 0.02% sodium azide) containing 1 µg/mL of mouse Fn14:Fc-FITC. After washing, cells were 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.