



TWEAK (1-249): sc-4284 WB

BACKGROUND

Proteins belonging to the tumor necrosis factor (TNF) superfamily are potent mediators of inflammation and of the immune system. Members of the TNF superfamily include TNF β , lymphotoxin β (LT β), CD40L, CD30L, CD27L, OX40L, 4-1BBL, FAS-L (APO-1) and TRAIL. Most TNF family members are type II transmembrane proteins that are proteolytically processed at their carboxy terminal extracellular domain to form a soluble homotrimeric molecule. TWEAK (also designated Apo-3L) has been identified as a secreted ligand belonging to the TNF superfamily. TWEAK seems to induce apoptosis weakly, and it may be involved in cell differentiation *in vivo*.

REFERENCES

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SOURCE

TWEAK (1-249) is produced in *E. coli* as a 56 kDa tagged fusion protein corresponding to amino acids 1-249 representing full length TWEAK of human origin.

PRODUCT

TWEAK (1-249) is purified from bacterial lysates (>98%) by glutathione agarose affinity chromatography; supplied as 10 μ g protein in 0.1 ml SDS-PAGE loading buffer.

APPLICATIONS

TWEAK (1-249) is suitable as a Western blotting control for sc-5558 and sc-12405.

STORAGE

Store at 4° C; stable for one year from the date of shipment.

RESEARCH USE

For research use only, not for use in diagnostic procedures.