

Active Tumor Necrosis Factor Receptor Superfamily, Member 12A (TNFRSF12A) Instruction Manual

SBPA185Hu01

Homo sapiens (Human)

Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	6.7
Applications	Cell culture; Activity Assays.

ACTIVITY TEST

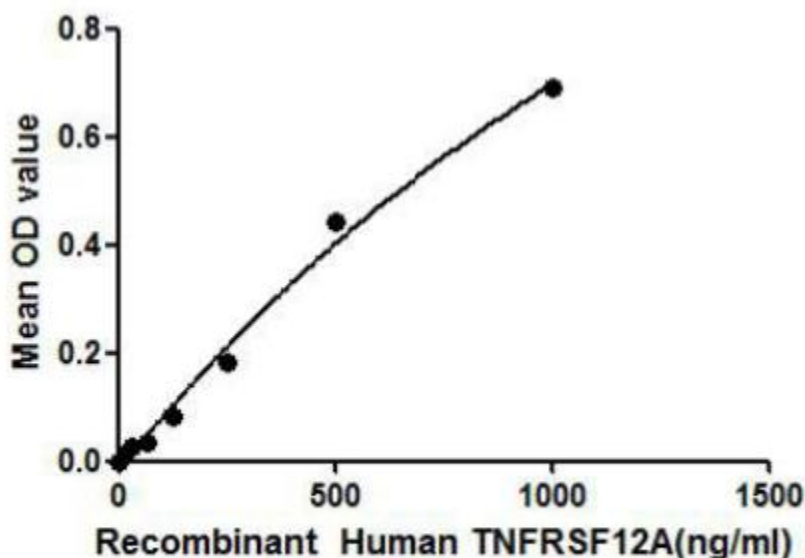


Figure 1. The binding activity of TNFRSF12A with TNFa.

TNFRSF12A (Tumor necrosis factor receptor superfamily member 12A) belongs to the Tumor necrosis factor receptor superfamily. TNFRSF12A is thought to induce apoptosis weakly in some cell types and promotes angiogenesis and the proliferation of endothelial cells. A binding ELISA assay was conducted to detect the association of TNFRSF12A with TNFa. Briefly, TNFRSF12A were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL TNFRSF12A were then transferred to TNFa-coated

microtiter wells and incubated for 2h at 37°C. Wells were washed with PBST and incubated for 1h with anti-TNFRSF12A pAb, then aspirated and washed 3 times. After incubation with HRP labelled secondary antibody, wells were aspirated and washed 3 times. With the addition of substrate solution, wells were incubated 15-25 minutes at 37°C. Finally, add 50µL stop solution to the wells and read at 450nm immediately. The binding activity of TNFRSF12A and TNFa was shown in Figure 1, and this effect was in a dose dependent manner.

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

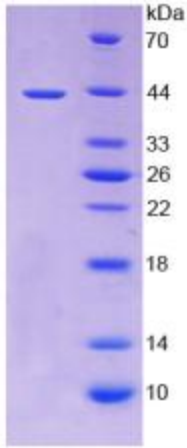
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

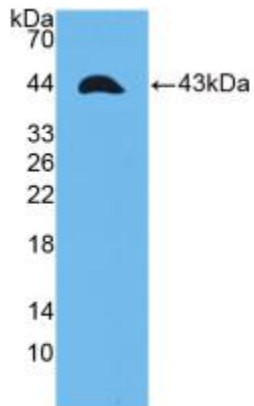


Figure. Western Blot; Sample: Recombinant TNFRSF12A, Human.

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.