

# TICAM-1 (C-14): sc-130621

## BACKGROUND

Toll/interleukin-1 receptor/resistance (TIR) adaptor protein (Trif, TICAM-1) can physically bind TIR domains and influence cell signaling. TICAM-1 interacts with TLR3 and mediates dsRNA activation of interferon- $\beta$  through NF $\kappa$ B, AP1 or IRF-3. Human TICAM-1 maps to chromosome 19p13.3.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: TICAM1 (human) mapping to 19p13.3.

## SOURCE

TICAM-1 (C-14) is a purified rabbit polyclonal antibody raised against a 14 amino acid synthetic peptide within the C-terminus region of TICAM-1 of human origin.

## PRODUCT

Each vial contains 50  $\mu$ g IgG in 500  $\mu$ l PBS with < 0.1% sodium azide and 0.1% gelatin.

## RESEARCH USE

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

## APPLICATIONS

TICAM-1 (C-14) is recommended for detection of TICAM-1 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2  $\mu$ g per 100-500  $\mu$ g of total protein (1 ml of cell lysate)].

Suitable for use as control antibody for TICAM-1 siRNA (h): sc-106845, TICAM-1 shRNA Plasmid (h): sc-106845-SH and TICAM-1 shRNA (h) Lentiviral Particles: sc-106845-V.

Molecular Weight of TICAM-1: 66 kDa.

## RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml).

## STORAGE

Store at 4° C, \*\*DO NOT FREEZE\*\*. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## PROTOCOLS

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