

# TICAM-1 (C-20): sc-27480

## 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 IRF3. 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-20) is an affinity purified goat polyclonal antibody raised against a peptide mapping near the C-terminus of TICAM-1 of human origin.

## PRODUCT

Each vial contains 200  $\mu$ g IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-27480 P, (100  $\mu$ g peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

## APPLICATIONS

TICAM-1 (C-20) is recommended for detection of TICAM-1 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

TICAM-1 (C-20) is also recommended for detection of TICAM-1 in additional species, including equine, canine, bovine and porcine.

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.

## RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (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) Immunofluorescence: use donkey anti-goat IgG-FITC: sc-2024 (dilution range: 1:100-1:400) or donkey anti-goat IgG-TR: sc-2783 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

## STORAGE

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

## RESEARCH USE

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

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) or our catalog for detailed protocols and support products.