

A28817

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# TICAM1/TRIF Rabbit mAb

Catalog No.: A28817 **Recombinant**

## Basic Information

### Observed MW

98 kDa

### Calculated MW

76 kDa

### Category

Monoclonal Antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human

## Background

This gene encodes an adaptor protein containing a Toll/interleukin-1 receptor (TIR) homology domain, which is an intracellular signaling domain that mediates protein-protein interactions between the Toll-like receptors (TLRs) and signal-transduction components. This protein is involved in native immunity against invading pathogens. It specifically interacts with toll-like receptor 3, but not with other TLRs, and this association mediates dsRNA induction of interferon-beta through activation of nuclear factor kappa-B, during an antiviral immune response. Mutations in this gene are associated with encephalopathy, acute, infection-induced.

## Recommended Dilutions

**WB** 1:3000 - 1:10000

**IP** 0.5 µg - 4 µg antibody  
for 200 µg - 400 µg  
extracts of whole cells

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ( $\geq 1:10000$ ), a sequential dilution method is strongly recommended to ensure measurement accuracy.

## Immunogen Information

### Gene ID

148022

### Swiss Prot

Q8IUC6

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

TRIF; IIAE6; MyD88-3; PRVTIRB; TICAM-1

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

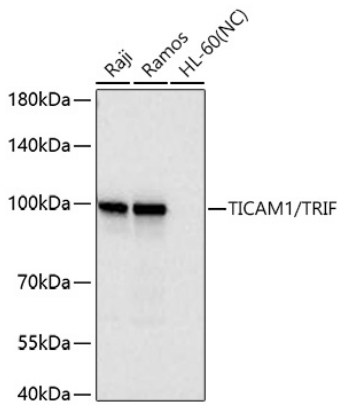
Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Contact

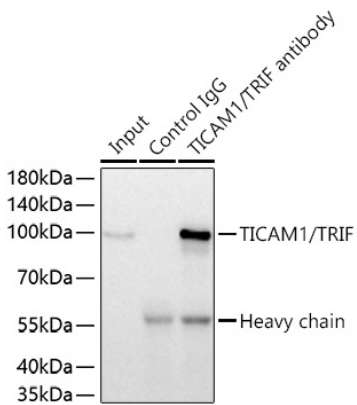


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## Validation Data



Western blot analysis of various lysates using TICAM1/TRIF Rabbit mAb (A28817) at 1:5000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Negative control (NC): HL-60.  
Exposure time: 45 s.



Immunoprecipitation of TICAM1/TRIF from 300 µg extracts of Raji cells was performed using 2 µg of TICAM1/TRIF Rabbit mAb (A28817). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using TICAM1/TRIF Rabbit mAb (A28817) at a dilution of 1:10000.