

Product datasheet for **TA385408S**

TRIF (TICAM1) Rabbit Monoclonal Antibody [Clone ID: R02-2A9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	R02-2A9
Applications:	IP, WB
Recommended Dilution:	WB: 1/1000 IP: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein of human TRIF
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 76 kDa; Observed MW: 98 kDa
Gene Name:	toll like receptor adaptor molecule 1
Database Link:	Entrez Gene 148022 Human Q8IUC6



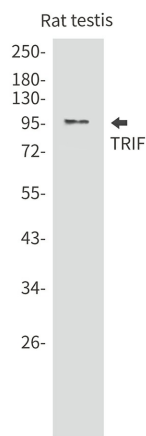
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Background:

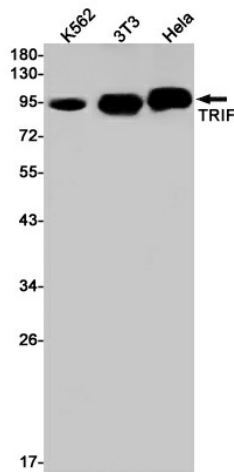
Swiss-Prot Acc.Q8IUC6. Involved in innate immunity against invading pathogens. Adapter used by TLR3 and TLR4 (through TICAM2) to mediate NF-kappa-B and interferon-regulatory factor (IRF) activation, and to induce apoptosis. Ligand binding to these receptors results in TRIF recruitment through its TIR domain. Distinct protein-interaction motifs allow recruitment of the effector proteins TBK1, TRAF6 and RIPK1, which in turn, lead to the activation of transcription factors IRF3 and IRF7, NF-kappa-B and FADD respectively. Component of a multi-helicase-TICAM1 complex that acts as a cytoplasmic sensor of viral double-stranded RNA (dsRNA) and plays a role in the activation of a cascade of antiviral responses including the induction of proinflammatory cytokines .

Synonyms:

MGC35334; PRVTIRB; TICAM-1; TRIF

Product images:


Western blot analysis of TRIF in rat testis lysates using TRIF antibody.



Western blot analysis of TRIF in K562, 3T3, HeLa lysates using TRIF antibody.