# ARG44263
# anti-TICAM1 / TRIF antibody

Package: 50 µg
Store at: -20°C

## Summary

| | |
|---|---|
| Product Description | Goat Polyclonal antibody recognizes TICAM1 / TRIF |
| Tested Reactivity | Hu |
| Tested Application | FACS, IHC-P |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | TICAM1 / TRIF |
| Species | Human |
| Immunogen | Synthetic peptide around the internal region of Human TICAM1 / TRIF (HARADEHIALRVREK) |
| Conjugation | Un-conjugated |
| Alternate Names | Toll-interleukin-1 receptor domain-containing adapter protein inducing interferon beta; TIR domain-containing adapter protein inducing IFN-beta; TIR domain-containing adapter molecule 1; Proline-rich, vinculin and TIR domain-containing protein B; TICAM-1; TRIF; MyD88-3; PRVTIRB; IIAE6; Putative NF-kappa-B-activating protein 502H |

## Application Instructions

Application table

| Application | Dilution |
|---|---|
| FACS | 10 µg/ml |
| IHC-P | 2.5 µg/ml |

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

## Properties

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| Form | Liquid |
| Purification | Affinity purified |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

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|---|---|
| Note | For laboratory research only, not for drug, diagnostic or other use. |

## Bioinformation

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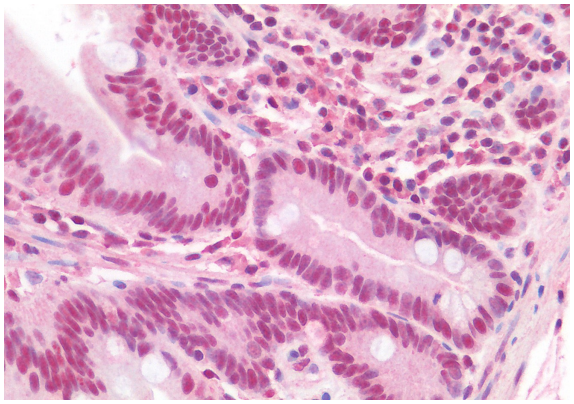
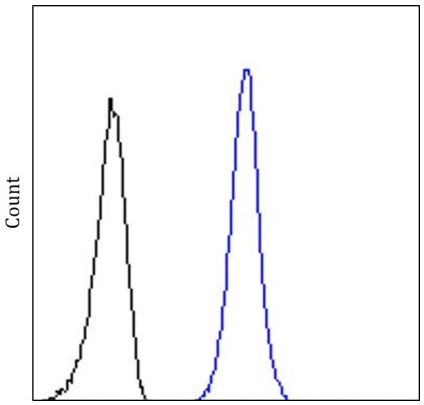
| Gene Symbol | TICAM1 |
| Gene Full Name | toll-like receptor adaptor molecule 1 |
| Background | This gene encodes an adaptor protein containing a Toll/interleukin-1 receptor (TIR) homology domain, which is an intracellular signaling domain that mediates protein-protein interactions between the Toll-like 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. [provided by RefSeq, Jan 2012] |
| Function | 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. [UniProt] |
| PTM | Phosphorylated by TBK1.<br><br>Polyubiquitinated by TRIM38 with 'Lys-48'-linked chains, leading to proteasomal degradation. [UniProt] |
| Cellular Localization | Cytoplasmic vesicle, autophagosome. Note=Colocalizes with UBQLN1 in the autophagosome. [UniProt] |

## Images



ARG44263 anti-TICAM1 / TRIF antibody IHC-P image

Immunohistochemistry: Human Small Intestine stained with ARG44263 anti-TICAM1 / TRIF antibody at 2.5 µg/ml dilution.




ARG44263 anti-TICAM1 / TRIF antibody FACS image

Flow Cytometry: K562 stained with ARG44263 anti-TICAM1 / TRIF antibody at 10 µg/m dilution.