

Datasheet for ABIN3029185
anti-TICAM1 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	TICAM1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TICAM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human TRIF (NNHMWNQRGSQAPEDKTQEAE) was used as the immunogen for this TRIF antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity

Target Details

Target:	TICAM1
Alternative Name:	TRIF (TICAM1 Products)
Background:	TIR Domain-containing adaptor molecule 1, also known as TICAM1 or TRIF, is an adapter in responding to activation of toll-like receptors (TLRs). It mediates the delayed cascade of two

Target Details

TLR-associated signaling cascades, where the other one is dependent upon a MyD88 adapter. By genomic sequence analysis, Oshiumi et al.(2003) mapped the gene to chromosome 19p13.3. By coimmunoprecipitation analysis, Oshiumi et al.(2003) showed that the protein interacts specifically with [TLR3](/search_result.php?search_txt=TLR3), but not with other TLRs. Functional analysis showed that the association of TLR3 and TRIF mediates dsRNA activation of IFNB, through either [NFKB](/search_result.php?search_txt=nfkb), [AP1](/search_result.php?search_txt=ap1), or [IRF3](/search_result.php?search_txt=irf3). TRIF activation of NFKB was found to occur predominantly through [IRAK1](/search_result.php?search_txt=irak1) rather than [IRAK2](/search_result.php?search_txt=irak2). siRNA blockage of the protein reduced IFNB production in response to dsRNA.

UniProt: [Q8IUC6](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: The stated application concentrations are suggested starting points. Titration of the TRIF antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,IHC (Frozen): 0.5-1 µg/mL

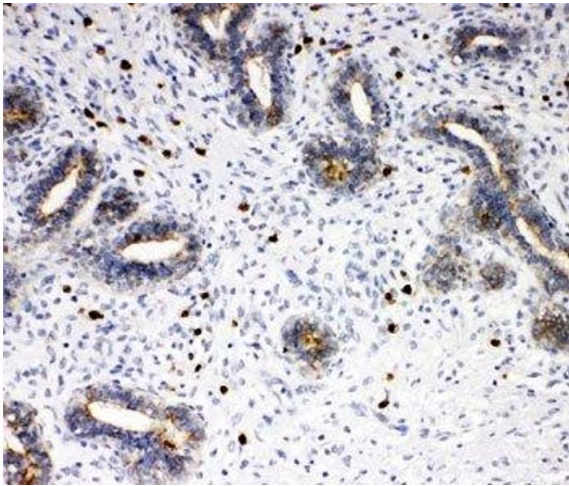
Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

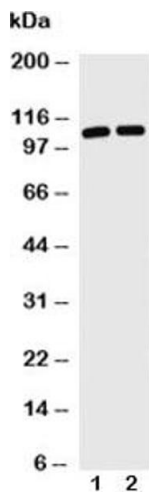
Storage: -20 °C

Storage Comment: After reconstitution, the TRIF antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



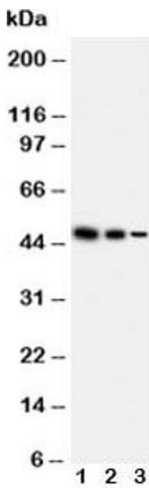
Immunohistochemistry

Image 1. IHC-P: TRIF antibody testing of human breast cancer tissue



Western Blotting

Image 2. Western blot with TRIF antibody and Lane 1: Jurkat; 2: HL-60 cell lysate



Western Blotting

Image 3. Western blot with TRIF antibody and recombinant human protein; Lane 1: 5ng; 2: 2.5ng; 3: 1.25ng

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3029185.