

Datasheet for ABIN968045  
**anti-TRADD antibody (AA 163-312)**[2 Images](#)[4 Publications](#)[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	TRADD
Binding Specificity:	AA 163-312
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TRADD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

## Product Details

Immunogen:	Human TRADD aa. 163-312
Clone:	37-TRADD
Isotype:	IgG1
Cross-Reactivity:	Rat (Rattus)
Characteristics:	<ol style="list-style-type: none"><li>1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.</li><li>2. Please refer to us for technical protocols.</li><li>3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.</li><li>4. Source of all serum proteins is from USDA inspected abattoirs located in the United States.</li></ol>

## Product Details

Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
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## Target Details

Target:	TRADD
Alternative Name:	TRADD ( <a href="#">TRADD Products</a> )
Background:	<p>TNFA<math>\alpha</math> (Tumor Necrosis Factor) stimulates programmed cell death and NF-kappaB activation as a result of its binding to the TNF receptor 1 (TNFR1). Within this receptor, a sequence referred to as the death domain" has been shown to be necessary for both of these functions. Using the yeast two-hybrid system to detect proteins which interact with the receptor through this death domain", a 34 kDa protein was found and designated TRADD (TNFR1-Associated Death Domain protein). TRADD appears to contain no intrinsic catalytic activity. It also contains a death domain and it has been shown to bind to FADD and RIP. Mutational analysis of TRADD demonstrates that programmed cell death and NF-kappaB activation are distinct and controlled independently.</p> <p>Synonyms: TNFR1-Associated Death Domain protein</p>
Molecular Weight:	34 kDa
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Hepatitis C</a>

## Application Details

Comment:	Related Products: ABIN968537, ABIN967389
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	250 $\mu$ g/mL
Buffer:	Aqueous buffered solution containing BSA, glycerol, and $\leq$ 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

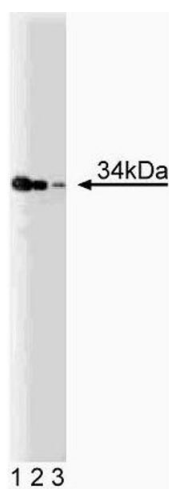
Storage: -20 °C

Storage Comment: Store undiluted at -20° C.

## Publications

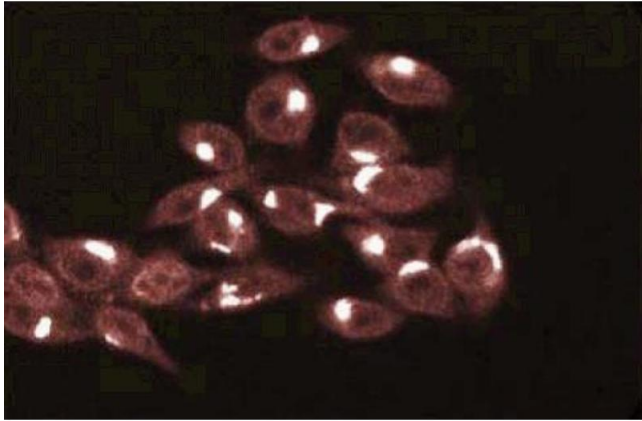
- Product cited in:
- He, Ting: "A20 inhibits tumor necrosis factor (TNF) alpha-induced apoptosis by disrupting recruitment of TRADD and RIP to the TNF receptor 1 complex in Jurkat T cells." in: **Molecular and cellular biology**, Vol. 22, Issue 17, pp. 6034-45, (2002) ([PubMed](#)).
- Morgan, Thorburn, Pandolfi, Thorburn: "Nuclear and cytoplasmic shuttling of TRADD induces apoptosis via different mechanisms." in: **The Journal of cell biology**, Vol. 157, Issue 6, pp. 975-84, (2002) ([PubMed](#)).
- Yount, Afshar, Ries, Korn, Shalev, Basila, McCormick, Haas-Kogan: "Transcriptional activation of TRADD mediates p53-independent radiation-induced apoptosis of glioma cells." in: **Oncogene**, Vol. 20, Issue 22, pp. 2826-35, (2001) ([PubMed](#)).
- Park, Baichwal: "Systematic mutational analysis of the death domain of the tumor necrosis factor receptor 1-associated protein TRADD." in: **The Journal of biological chemistry**, Vol. 271, Issue 16, pp. 9858-62, (1996) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** Western blot analysis of TRADD on a Jurkat cell lysate (Human T-cell leukemia, ATCC TIB-152). Lane 1: 1:250, lane 2: 1:500, lane 3: 1:1000 dilution of the mouse anti-TRADD antibody.



#### Immunofluorescence

**Image 2.** Immunofluorescence staining of HeLa cells (Human cervical epitheloid carcinoma, ATCC CCL-2.2).