

Product datasheet

Anti-TIFA (phospho T9) antibody [EPR19853] - BSA and Azide free ab236848

Recombinant RabMAb

4 Images

Overview

Product name	Anti-TIFA (phospho T9) antibody [EPR19853] - BSA and Azide free
Description	Rabbit monoclonal [EPR19853] to TIFA (phospho T9) - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IP, Dot blot, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HeLa transfected with 3×Flag-tagged TIFA expression vector for 24 hours, and then infected with <i>S. flexneri</i> 2457T for 4 hours, whole cell lysate.
General notes	<p>ab236848 is the carrier-free version of ab214815.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS

Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR19853
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab236848 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

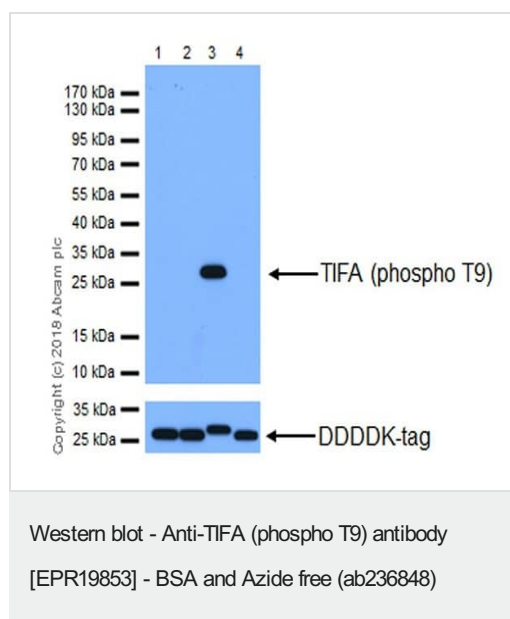
Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
Dot blot		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 21 kDa.

Target

Function Adapter protein which mediates the IRAK1 and TRAF6 interaction following IL-1 stimulation, resulting in the downstream activation of NF-kappa-B and AP-1 pathways. Induces the oligomerization and polyubiquitination of TRAF6, which leads to the activation of TAK1 and IKK through a proteasome-independent mechanism.

Sequence similarities Contains 1 FHA domain.

Images



All lanes : Anti-TIFA (phospho T9) antibody [EPR19853] (**ab214815**) at 1/1000 dilution

Lane 1 : HeLa (Human epithelial cell line from cervix adenocarcinoma) transfected with 3xFlag-tagged TIFA expression vector for 28 hours, whole cell lysate

Lane 2 : HeLa transfected with 3xFlag-tagged TIFA T9A mutant expression vector for 28 hours, whole cell lysate

Lane 3 : HeLa transfected with 3xFlag-tagged TIFA expression vector for 24 hours, and then infected with *S. flexneri* 2457T for 4 hours, whole cell lysate

Lane 4 : HeLa transfected with 3xFlag-tagged TIFAT9A mutant expression vector for 24 hours, and then infected with *S. flexneri* 2457T for 4 hours, whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/5000 dilution

Predicted band size: 21 kDa

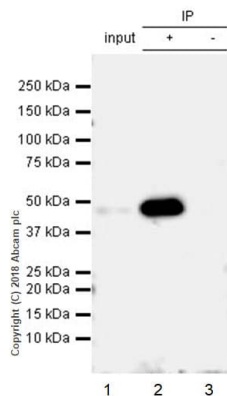
Exposure time: 30 seconds

Blocking/Dilution buffer: 5% milk/TBST.

The image was kindly provided by our collaborator Dr Feng Shao's lab, NIBS.

S. flexneri infection induces an innate immune response (PMID: 28222186).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol and sodium azide ([ab214815](#)).



Immunoprecipitation - Anti-TIFA (phospho T9) antibody [EPR19853] - BSA and Azide free (ab236848)

TIFA (phospho T9) was immunoprecipitated from 0.35 mg HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate with [ab214815](#) at 1/30 dilution. Western blot was performed from the immunoprecipitate using [ab214815](#) at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used for detection at 1/5000 dilution.

Lane 1: HEK-293T transfected with GFP-tagged TIFA expression vector for 24 hours, and then infected with *B. cenocepacia* J2315 for 4 hours whole cell lysate 10 µg (Input).

Lane 2: [ab214815](#) IP in HEK-293T transfected with GFP-tagged TIFA expression vector for 24 hours, and then infected with *B. cenocepacia* J2315 for 4 hours whole cell lysate (+).

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of [ab214815](#) in HEK-293T transfected with GFP-tagged TIFA expression vector for 24 hours, and then infected with *B. cenocepacia* J2315 for 4 hours whole cell lysate (-).

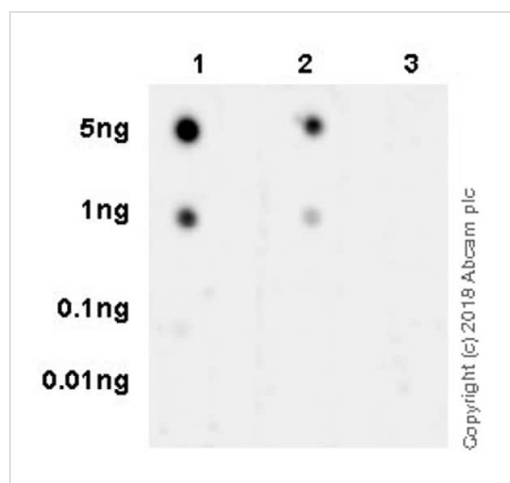
Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure time: 3 minutes.

The lysates were kindly provided by our collaborator Dr Feng

Shao's lab, NIBS.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab214815](#)).



Dot Blot - Anti-TIFA (phospho T9) antibody
[EPR19853] - BSA and Azide free ([ab236848](#))

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab214815](#)).

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-TIFA (phospho T9) antibody [EPR19853] - BSA and Azide free ([ab236848](#))

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