

Anti-TNFAIP8 antibody [EPR10058(3)] - BSA and Azide free ab251212

Recombinant RabMAb

[1 References](#) [4 Images](#)

Overview

Product name	Anti-TNFAIP8 antibody [EPR10058(3)] - BSA and Azide free
Description	Rabbit monoclonal [EPR10058(3)] to TNFAIP8 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab251212 is the carrier-free version of ab195810.</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> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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	EPR10058(3)
Isotype	IgG

Applications

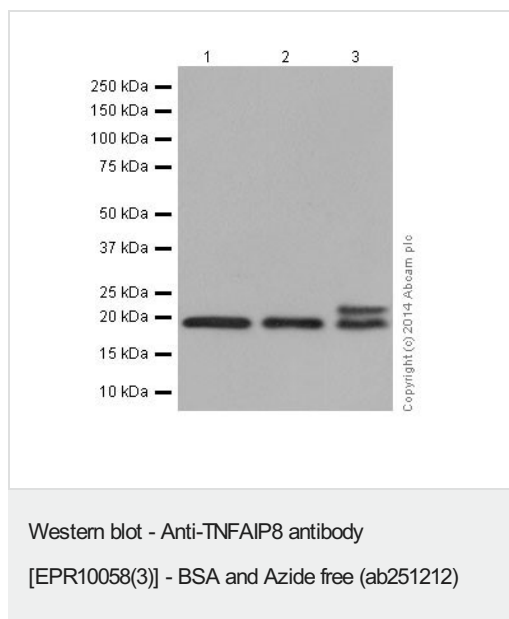
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab251212 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 21, 19 kDa (predicted molecular weight: 23 kDa).
IP		Use at an assay dependent concentration.

Target

Function	Acts as a negative mediator of apoptosis and may play a role in tumor progression. Suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage and caspase-3 activation.
Tissue specificity	Expressed at high levels in the spleen, lymph node, thymus, thyroid, bone marrow and placenta. Expressed at high levels both in various tumor tissues, unstimulated and cytokine-activated cultured cells. Expressed at low levels in the spinal cord, ovary, lung, adrenal glands, heart, brain, testis and skeletal muscle.
Sequence similarities	Belongs to the TNFAIP8 family.
Developmental stage	Expressed at high levels in the fetal liver, lung and kidney.
Cellular localization	Cytoplasm.

Images



All lanes : Anti-TNFAIP8 antibody [EPR10058(3)] ([ab195810](#)) at 1/1000 dilution

Lane 1 : K562 cell lysate

Lane 2 : A549 cell lysate

Lane 3 : A431 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

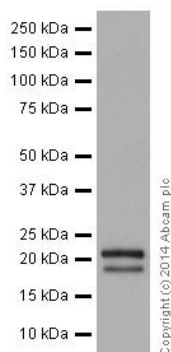
Predicted band size: 23 kDa

Observed band size: 19,21 kDa

This data was developed using [ab195810](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.

Based on the sequence analysis, [ab195810](#) recognizes three isoforms with the predicted MWs of 23KDa, 22KDa and 22KDa, respectively.



Western blot - Anti-TNFAIP8 antibody
[EPR10058(3)] - BSA and Azide free (ab251212)

Anti-TNFAIP8 antibody [EPR10058(3)] (**ab195810**) at 1/1000 dilution + Human fetal spleen lysate at 20 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

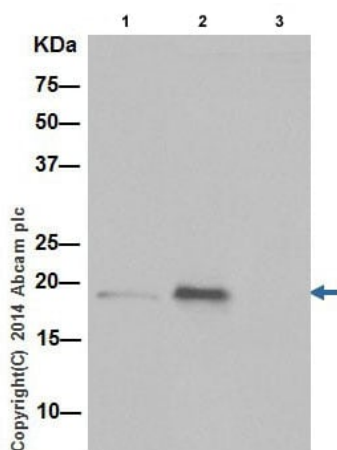
Predicted band size: 23 kDa

Observed band size: 19,21 kDa

This data was developed using **ab195810**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.

Based on the sequence analysis, **ab195810** recognizes three isoforms with the predicted MWs of 23KDa, 22KDa and 22KDa, respectively.



Immunoprecipitation - Anti-TNFAIP8 antibody
[EPR10058(3)] - BSA and Azide free (ab251212)

This data was developed using **ab195810**, the same antibody clone in a different buffer formulation. TNFAIP8 was immunoprecipitated from K562 (Human chronic myelogenous leukemia cells from bone marrow) whole cell extract with **ab195810** at 1/70 dilution (Lane 2). Western blot was performed from the immunoprecipitate using **ab195810** at 1/1000 dilution. Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/1500 dilution. Lane 1: K562 whole cell extract (Input) 10µg. Lane 2: **ab195810** IP in K562 whole cell extract. Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab195810** in K562 whole cell extract.

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

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-TNFAIP8 antibody [EPR10058(3)] - BSA and Azide free (ab251212)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors