

Anti-IRF8 antibody ab245607

[1 References](#) [3 Images](#)

Overview

Product name	Anti-IRF8 antibody
Description	Rabbit polyclonal to IRF8
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide within Mouse IRF8 aa 374-424. The exact sequence is proprietary. NP_032346.1 Database link: P23611
Positive control	WB: RAW 264.7 and L1210 whole cell lysate. IP: IRF8 IP in RAW 264.7 whole cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
Purity	pH 7-8 Immunogen affinity purified
Purification notes	ab245607 was affinity purified using an epitope specific to IRF8 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab245607 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 2-5 µg/mg of lysate.
WB		1/2000 - 1/10000.

Target

Function

Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)). Plays a negative regulatory role in cells of the immune system.

Tissue specificity

Predominantly in lymphoid tissues.

Sequence similarities

Belongs to the IRF family.
Contains 1 IRF tryptophan pentad repeat DNA-binding domain.

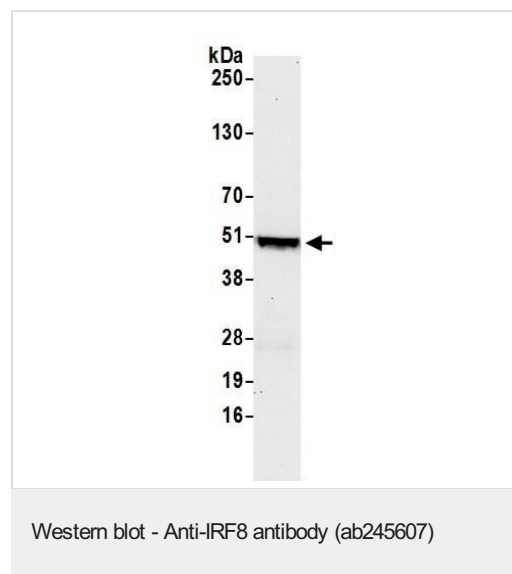
Post-translational modifications

Ubiquitinated. Ubiquitination by TRIM21 in macrophages, a process that is strongly increased upon interferon gamma stimulation, leads to the enhanced transcriptional activity of target cytokine genes.

Cellular localization

Nucleus.

Images

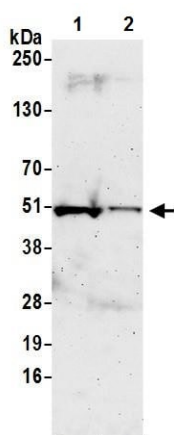


Anti-IRF8 antibody (ab245607) at 0.1 µg/ml + L1210 whole cell lysate at 50 µg

Developed using the ECL technique.

Exposure time: 30 seconds

Prepared using NETN lysis buffer.



Western blot - Anti-IRF8 antibody (ab245607)

All lanes : Anti-IRF8 antibody (ab245607) at 0.1 µg/ml

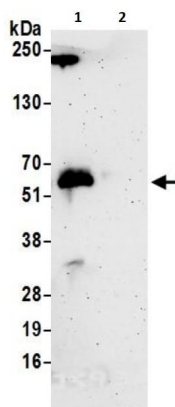
Lane 1 : RAW 264.7 (mouse macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate at 50 µg

Lane 2 : RAW 264.7 whole cell lysate at 15 µg

Developed using the ECL technique.

Exposure time: 3 minutes

Prepared using NETN lysis buffer.



Immunoprecipitation - Anti-IRF8 antibody (ab245607)

IRF8 was immunoprecipitated from RAW 264.7 (Mouse macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate (1 mg per IP reaction; 20% of IP loaded) prepared using NETN lysis buffer.

ab245607 used for IP at 3 µg per reaction. For WB 1 µg/ml.

Lane 1: ab245607 IP in RAW 264.7 whole cell lysate.

Lane 2: Control IgG IP in RAW 264.7 whole cell lysate.

Chemiluminescence detection: 3 minutes.

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

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