


Anti-NLRC3 antibody ab77817

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

Overview

Product name	Anti-NLRC3 antibody
Description	Rabbit polyclonal to NLRC3
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Pig 
Immunogen	Synthetic peptide corresponding to Human NLRC3 aa 1050 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as ab90252)
Positive control	This antibody gave a positive signal in the following whole cell lysates: Raji; Ramos; Jurkat.
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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
Purity	Immunogen affinity purified

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab77817 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 a concentration of 1 µg/ml. Detects a band of approximately 111 kDa (predicted molecular weight: 114 kDa).

Target

Function	May modulate T-cell activation. Decreases the transcription of genes that are normally up-regulated after T-cell stimulation. Delays degradation of NFKBIA/IKBA.
Tissue specificity	Detected in peripheral blood mononuclear cells.
Sequence similarities	Belongs to the NLRP family. Contains 16 LRR (leucine-rich) repeats. Contains 1 NACHT domain.
Cellular localization	Cytoplasm.

Images



Western blot - Anti-NLRC3 antibody (ab77817)

All lanes : ab77817 at 1 µg/ml

Lane 1 : Raji (Human Burkitt's lymphoma cell line) Whole Cell Lysate

Lane 2 : Ramos (Human Burkitt's lymphoma cell line) Whole Cell Lysate

Lane 3 : Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 114 kDa

Observed band size: 105 kDa

Additional bands at: 33 kDa, 70 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 5 minutes

NLRC3 has four possible isoforms which have the following predicted molecular weights, 114, 119, 83 and 111 kDa (SwissProt data).

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