

Anti-CD40 antibody ab65853

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

Overview

Product name	Anti-CD40 antibody
Description	Rabbit polyclonal to CD40
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide corresponding to Mouse CD40 aa 22-36. Sequence: QCVTCSDKQYLHDGQ

Database link: [P27512](#)

 [Run BLAST with](#)

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General notes

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.

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

Properties

Form	Lyophilized: 0.2ml of distilled water will yield a concentration of 500µg/ml.
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	Constituents: Dibasic monohydrogen sodium phosphate, 50% Glycerol, Sodium chloride
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab65853 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 0.1 - 0.5 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 31 kDa).

Target

Function

Receptor for TNFSF5/CD40LG.

Tissue specificity

B-cells and in primary carcinomas.

Involvement in disease

Defects in CD40 are the cause of hyper-IgM immunodeficiency syndrome type 3 (HIGM3) [MIM:606843]; also known as hyper-IgM syndrome 3. HIGM3 is an autosomal recessive disorder which includes an inability of B cells to undergo isotype switching, one of the final differentiation steps in the humoral immune system, an inability to mount an antibody-specific immune response, and a lack of germinal center formation.

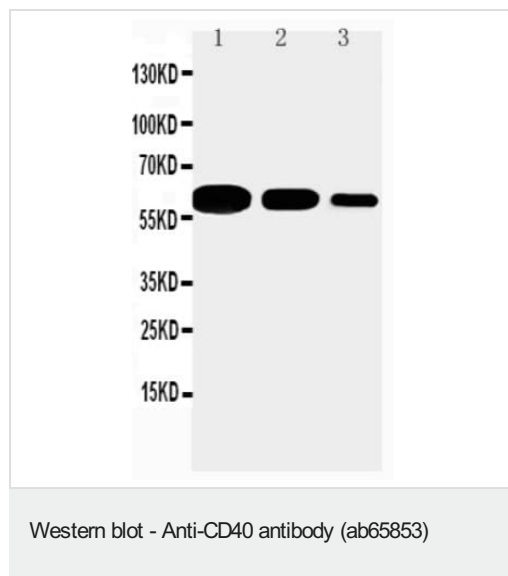
Sequence similarities

Contains 4 TNFR-Cys repeats.

Cellular localization

Secreted and Cell membrane.

Images



All lanes : Anti-CD40 antibody (ab65853)

Lane 1 : Recombinant Mouse CD 40 Protein at 0.01 µg

Lane 2 : Recombinant Mouse CD 40 Protein at 0.005 µg

Lane 3 : Recombinant Mouse CD 40 Protein at 0.0025 µg

Predicted band size: 31 kDa

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

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