


Product datasheet

Anti-CDA antibody ab137605

1 References 3 Images

Overview

Product name	Anti-CDA antibody
Description	Rabbit polyclonal to CDA
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Cow 
Immunogen	Recombinant fragment corresponding to Human CDA aa 1-146. Database link: P32320
Positive control	WB: A431, HeLa whole cell extracts. Mouse kidney lysate. IHC-P: Gastric CA N87 xenograft.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
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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: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab137605** in the following tested applications.

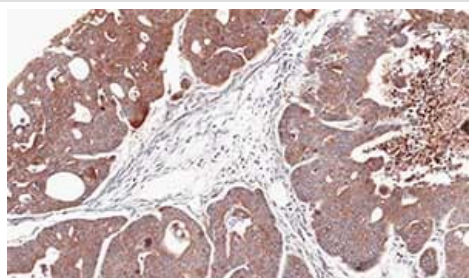
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 16 kDa.
IHC-P		1/100 - 1/1000. Suggested antigen retrieval using heat mediated 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0).

Target

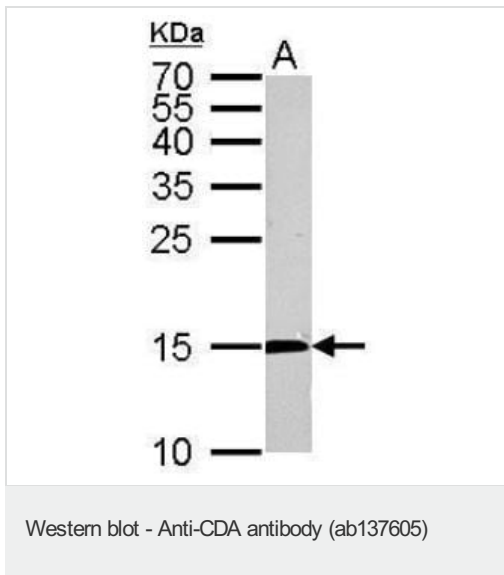
Relevance CDA (Cytidine deaminase) scavengers exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis. Growth inhibition of granulocyte-macrophage colony forming cells by human cytidine deaminase requires the catalytic function of the protein. It is highly expressed in granulocytes.

Images



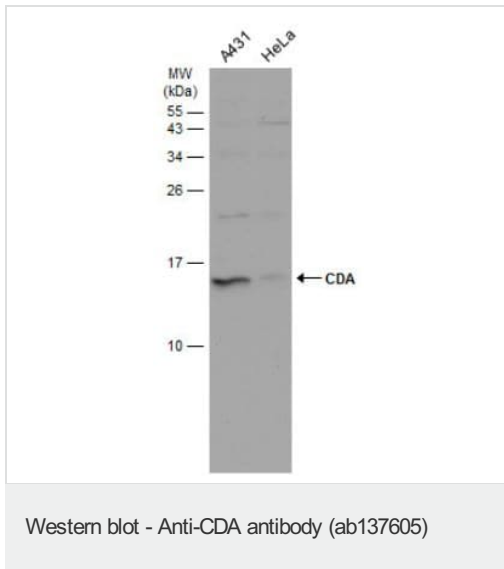
Immunohistochemical analysis of paraffin-embedded Gastric CA N87 xenograft labelling CDA with ab137605 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDA antibody (ab137605)



Anti-CDA antibody (ab137605) at 1/500 dilution + Mouse kidney lysate at 50 µg

Predicted band size: 16 kDa



All lanes : Anti-CDA antibody (ab137605) at 1/1000 dilution

Lane 1 : A431 whole cell extracts

Lane 2 : HeLa whole cell extract

Lysates/proteins at 30 µg per lane.

Predicted band size: 16 kDa

15% SDS-PAGE

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

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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.

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