

Product datasheet

Anti-IL-13 antibody [A130D 12G5 1E4] ab52538

Overview

Product name	Anti-IL-13 antibody [A130D 12G5 1E4]
Description	Mouse monoclonal [A130D 12G5 1E4] to IL-13
Host species	Mouse
Specificity	Recognizes recombinant and native rat IL-13
Tested applications	Suitable for: WB, ELISA, Flow Cyt, Dot blot
Species reactivity	Reacts with: Rat
Immunogen	Recombinant full length protein corresponding to Rat IL-13.
Positive control	FACS: intracellular IL-13 can be detected in PMA/ionophore-stimulated rat splenocytes
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
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

	term.
Storage buffer	pH: 7.20 Constituent: PBS
Purity	Protein G purified
Purification notes	>95% pure as determined by SDS-PAGE analysis. 0.22 micron sterile filtered.
Clonality	Monoclonal
Clone number	A130D 12G5 1E4
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab52538** 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 - 1/1000. Predicted molecular weight: 14 kDa.
ELISA		Use at an assay dependent concentration.
Flow Cyt		Use 0.1-1µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
Dot blot		1/500 - 1/1000.

Target

Function	Cytokine (PubMed:8096327, PubMed:8097324). Inhibits inflammatory cytokine production (PubMed:8096327). Synergizes with IL2 in regulating interferon-gamma synthesis (PubMed:8096327). May be critical in regulating inflammatory and immune responses (PubMed:8096327, PubMed:8097324). Positively regulates IL31RA expression in macrophages.
Involvement in disease	Allergic rhinitis
Sequence similarities	Belongs to the IL-4/IL-13 family.
Cellular localization	Secreted.

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