

Product datasheet

Anti-Insulin + Proinsulin antibody [D6C4] ab8304

★★★★★ 6 Abreviews 30 References

Overview

Product name	Anti-Insulin + Proinsulin antibody [D6C4]
Description	Mouse monoclonal [D6C4] to Insulin + Proinsulin
Host species	Mouse
Specificity	Specific for insulin and proinsulin.
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Mouse, Rat, Cow, Human, Pig
Immunogen	Human insulin.
General notes	<p>Kd for this antibody is 8.1×10^{-8}M.</p> <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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 99.91% PBS</p>
Purity	Protein A purified
Primary antibody notes	Detection of both insulin and proinsulin.
Clonality	Monoclonal
Clone number	D6C4
Myeloma	unknown
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab8304 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
ELISA	★★★★★ (1)	Use a concentration of 10 µg/ml.

Target

Relevance

Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver. Defects in insulin are the cause of familial hyperproinsulinemia.

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.

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