

## Product datasheet

### Anti-Exendin 4 antibody [20] ab23407

★★★★★ 1 Abreviews 2 References

#### Overview

<b>Product name</b>	Anti-Exendin 4 antibody [20]
<b>Description</b>	Mouse monoclonal [20] to Exendin 4
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Recombinant fragment
<b>Immunogen</b>	Synthetic peptide corresponding to Exendin 4.
<b>Epitope</b>	The epitope is located in the region of amino acids 9 to 39 of exendin 4.
<b>General notes</b>	<p>The fusion partner was SP2mL6.</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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituents: 0.0268% PBS, 2.9% Sodium chloride</p>
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	20
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab23407 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 at an assay dependent concentration. The antibody binds to exendin 4 when coated on ELISA wells and reacts specifically with exendin 4 in solution giving a $K_a$ of $1.6 \times 10^8$ in an inhibition ELISA. The binding between ab23407 and exendin 4 is disrupted by 4.5 M $MgCl_2$ .

## Target

### Relevance

Exendin 4 is a 39 amino acid peptide found in venom from the Gila monster *Helicoderma suspectum*. It is a member of the glucagon secretin family of peptide hormones and neuropeptides. Exendin 4 is a potent agonist of the GLP1 receptor and hence a potent stimulator of insulin secretion.

### Cellular localization

Secreted

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

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