

Product datasheet

Anti-beta Endorphin antibody [B 31.15] ab54205

4 References

Overview

Product name	Anti-beta Endorphin antibody [B 31.15]
Description	Mouse monoclonal [B 31.15] to beta Endorphin
Host species	Mouse
Tested applications	Suitable for: IHC-Fr, IHC-P
Species reactivity	Reacts with: Rat, Human, Macaque monkey
Immunogen	Full length native human beta Endorphin.
General notes	<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 or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	B 31.15
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab54205 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
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

Target

Relevance

Beta-endorphin is an endogenous opioid peptide neurotransmitter found in the neurons of both the central and peripheral nervous system. β -endorphin is a peptide, 31 amino acids long, resulting from processing of the precursor pro-opiomelanocortin (POMC). β -endorphin is found in neurons of the hypothalamus as well as the pituitary gland. It is an agonist of the opioid receptors, with evidence suggesting that it serves as the endogenous ligand of the μ -opioid receptor, the same receptor to which the chemicals extracted from opium, such as morphine and codeine, have their analgesic and addictive effects

Cellular localization

Secreted

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

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