




Product datasheet

Anti-Natriuretic peptides A antibody [L11-11-D6-B4] ab14442

1 References

Overview

Product name	Anti-Natriuretic peptides A antibody [L11-11-D6-B4]
Description	Mouse monoclonal [L11-11-D6-B4] to Natriuretic peptides A
Host species	Mouse
Specificity	ab14442 recognizes synthetic Natriuretic peptides A.
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Sheep, Rabbit, Horse, Guinea pig, Cow, Cat, Dog, Pig 
Immunogen	Synthetic peptide corresponding to Human Natriuretic peptides A aa 100 to the C-terminus. Poly Lysin conjugated synthetic peptide. Database link: P01160  Run BLAST with  Run BLAST with
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: 7.40 Constituent: 0.79% Tris HCl
Purity	Protein G purified
Purification notes	Cell culture supernatant, Protein G purified.

Clonality	Monoclonal
Clone number	L11-11-D6-B4
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab14442 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		Use at an assay dependent concentration.

Target

Function	Hormone playing a key role in cardiovascular homeostasis through regulation of natriuresis, diuresis, and vasodilation. Also plays a role in female pregnancy by promoting trophoblast invasion and spiral artery remodeling in uterus. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3.
Involvement in disease	Atrial standstill 2 Atrial fibrillation, familial, 6
Sequence similarities	Belongs to the natriuretic peptide family.
Post-translational modifications	Cleaved by CORIN upon secretion to produce the functional hormone. Atrial natriuretic factor: Cleaved by MME. The cleavage initiates degradation of the factor and thereby regulate its activity.
Cellular localization	Secreted.

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