abcam

Product datasheet

Anti-CHIPS antibody [JNC1] ab37241

1 References

Overview

Product name	Anti-CHIPS antibody [JNC1]
Description	Mouse monoclonal [JNC1] to CHIPS
Host species	Mouse
Specificity	ab37241 reacts with N-terminus of CHIPS.
Tested applications	**Suitable for:** Flow Cyt, IHC-Fr, WB, IHC-P
Species reactivity	**Reacts with:** Staphylococcus aureus
Immunogen	Full length native protein (purified) corresponding to CHIPS.
General notes	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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 0.1% BSA, PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	JNC1
Isotype	IgG1

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab37241 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
Flow Cyt		1/10. **ab170190** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-Fr		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 17 kDa.
IHC-P		Use at an assay dependent concentration.

Target

Relevance The bacterial pathogen Staphylococcus aureus is insensitive to antimicriobial host defense peptides like defensins, protegrins, platelet microbicidial proteins and bacteriocins. Staphylococci have developed various resistance mechanisms including those specific for bacteriocins and several host defence peptides. A protein belonging to the resistance mechanism of Staphylococcus aureus is known as CHIPS (Chemotaxis Inhibiting Protein for Staphylococcus aureus). CHIPS is a proteins that inhibits chemotaxis of neutrophils by blocking the Formyl Peptide Receptor (FPR) and C5a Receptor on neutrophils.

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- 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
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- We investigate all quality concerns to ensure our products perform to the highest standards

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