

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) |
| 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. 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 | | |
| IHC-Fr | | |
| WB | | |
| IHC-P | | |

Application notes

Flow Cyt: Use at an assay dependent dilution. Starting dilution 1/10.

IHC-Fr: Use at an assay dependent dilution.

IHC-P: Use at an assay dependent dilution.

WB: Use at an assay dependent dilution. Starting dilution 1/100. Predicted molecular weight: 17 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

The bacterial pathogen *Staphylococcus aureus* is insensitive to antimicrobial host defense peptides like defensins, protegrins, platelet microbicidal 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.

Cellular localization

Secreted

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