

## Monoclonal Antibody to CHIPS (C-term) - Liquid

<b>Alternate names:</b>	Chemotaxis Inhibiting Protein of Staphylococcus aureus
<b>Catalog No.:</b>	AM32103PU-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	<p>The bacterial pathogen Staphylococcus aureus is insensitive to antimicrobial host defense peptides such as defensins, protegrins, platelet microbicidal proteins and bacteriocins. Staphylococci have developed various resistance mechanisms including those specific for bacteriocins and several host defense peptides. A protein belonging to the resistance mechanism of Staphylococcus aureus is known as CHIPS (Chemotaxis Inhibiting Protein of Staphylococcus aureus). CHIPS is a protein produced by Staphylococcus aureus that inhibits chemotaxis of neutrophils by blocking the Formyl Peptide Receptor (FPR) and C5a Receptor on neutrophils. CHIPS and antibodies against CHIPS can be useful for various experimental infection models of Staphylococcus aureus. Furthermore these reagents can be of help in studies on the role of FPR and C5a in inflammatory processes.</p>
<b>Uniprot ID:</b>	<a href="#">Q6GFB3</a>
<b>NCBI:</b>	<a href="#">YP_041409.1</a>
<b>GeneID:</b>	<a href="#">2861356</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	JCC1
<b>Format:</b>	<b>State:</b> Liquid 0.2 µm filtered <b>Purification:</b> Protein G purified <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.01% Sodium Azide <b>Stabilizers:</b> 0.1% BSA
<b>Applications:</b>	<b>Western Blot.</b> <b>Immuno Assay.</b> <b>Flow Cytometry.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunohistochemistry on Paraffin Sections.</b> <b>Inhibition of biological activity:</b> Before use, the product must be filter sterilized and depending on the concentration to be used dialyzed against culture medium to remove the sodium azide added. <b>Recommended Dilutions:</b> Use 1/10 for Flow Cytometry and 1/100 for Western blot and Immunohistology. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

The Monoclonal antibody *JCC1* reacts with the C-terminus of CHIPS.

**Storage:**

Store the antibody undiluted at 2-8°C.  
Shelf life: one year from despatch.