

## Peptidoglycan (Murein) Antibody

Catalogue No.: abx411540

Peptidoglycan (Murein) Antibody is a Mouse Monoclonal antibody against Peptidoglycan (Murein).

<b>Target:</b>	Peptidoglycan (Murein)
<b>Clonality:</b>	Monoclonal
<b>Reactivity:</b>	Bacteria
<b>Tested Applications:</b>	ELISA, IHC, IF/ICC
<b>Host:</b>	Mouse
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Insoluble peptidoglycan obtained by TCA-heat and ethanol extraction of Streptococcus mutans BHT cells.
<b>Epitope Region:</b>	Appears to consist of discontinuous glycan and/or amino acid residues.
<b>Isotype:</b>	IgG <sub>1</sub>
<b>Form:</b>	Liquid
<b>Purification:</b>	Unpurified ascites.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>Validity:</b>	12 months.
<b>Buffer:</b>	Does not contain preservatives.
<b>Specificity:</b>	Recognizes the 3D polymer complex structure of peptidoglycan. In a competitive immunoassay format, several compounds were found to be ineffective as inhibitors: muramyl dipeptide, N-acetylglucosamine, chitin and acid hydrolyzed chitin.
<b>Concentration:</b>	Not determined.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

# Datasheet

Version: 4.0.0

Revision date: 28 Mar 2025



## Directions for use:

When using this product in IHC-P, treatment with strong acid for Gram-positive bacteria, or with a detergent (such as SDS) for Gram-negative bacteria may be necessary to expose the epitope.

For Reference Only