

## Product datasheet for **BM679**

### Peptidoglycan Mouse Monoclonal Antibody [Clone ID: 10H6]

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Clone Name:           | 10H6   |
| Applications:         | ELISA, IHC   |
| Recommended Dilution: | <b>ELISA.</b><br><b>Western blot.Immunohistochemistry on Frozen Sections.</b><br><b>Immunohistochemistry on Paraffin Sections:</b> 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.   |
| Host:                 | Mouse  |
| Isotype:              | IgG1   |
| Clonality:            | Monoclonal   |
| Immunogen:            | This antibody was raised against insoluble PG obtained by TCA-heat and ethanol extraction of <i>Streptococcus mutans</i> BHT cells.  |
| Specificity:          | Reacts with the 3D polymer complex structure of peptidoglycan (PG). In a competitive immunoassay format, several compounds were found to be ineffective as inhibitors; muramyl dipeptide, N-acetylglucosamine, chitin and acid hydrolyzed chitin.<br>The epitope appears to consist of discontinuous glycan and/or amino acid residues and has not been fully defined. |
| Formulation:          | State: Ascites<br>State: Liquid Ascites without preservative or stabilizer   |
| Conjugation:          | Unconjugated   |
| Storage:              | Upon receipt, store undiluted (in aliquots) at -20°C.<br>Avoid repeated freezing and thawing.  |
| Stability:            | Shelf life: one year from despatch.  |
| Synonyms:             | Murein   |



[View online »](#)