

## Glutamate Dehydrogenase, clostridia species Monoclonal Antibody | anti-Swol\_2170 antibody

MAb to Clostridia GDH

|                              |                                             |                              |
|------------------------------|---------------------------------------------|------------------------------|
| CATALOG #<br><b>AAA58001</b> | HOST<br><b>Host: Mouse; Source: Ascites</b> | APPLICATIONS<br><b>ELISA</b> |
|------------------------------|---------------------------------------------|------------------------------|

### PRODUCT SYNONYMS

Glutamate Dehydrogenase; clostridia species; Monoclonal Antibody; MAb to Clostridia GDH; Monoclonal Antibody to Clostridia species Glutamate Dehydrogenase (GDH); anti-Swol\_2170 antibody

### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | Host: Mouse; Source: Ascites                                                                                                                                                                                                                                                                     |
| Clonality                                           | Monoclonal                                                                                                                                                                                                                                                                                       |
| Isotype                                             | IgG1                                                                                                                                                                                                                                                                                             |
| Specificity                                         | Specific for glutamate dehydrogenase of Clostridia species. Reactive with recombinant GDH and native GDH from C. difficile cultures.                                                                                                                                                             |
| Purity/Purification                                 | > 90% pure. Protein A Chromatography                                                                                                                                                                                                                                                             |
| Form/Format                                         | Purified, Liquid                                                                                                                                                                                                                                                                                 |
| Concentration                                       | 100 ug/mL (OD280nm, E <sup>0.1%</sup> = 1.3) (varies by lot)                                                                                                                                                                                                                                     |
| Applicable Applications for anti-Swol_2170 antibody | ELISA                                                                                                                                                                                                                                                                                            |
| Preservative                                        | 0.1% Sodium Azide                                                                                                                                                                                                                                                                                |
| Immunogen                                           | Recombinant C. difficile GDH                                                                                                                                                                                                                                                                     |
| Affinity Constant                                   | Not Determined                                                                                                                                                                                                                                                                                   |
| Buffer                                              | 0.01 M PBS, pH 7.2. This product contains no stabilizing proteins.                                                                                                                                                                                                                               |
| Warning                                             | This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains. |
| Preparation and Storage                             | Upon receipt, aliquot and store at -20 degree C. Avoid multiple freeze/thaw cycles.                                                                                                                                                                                                              |

### ADDITIONAL INFORMATION

|                                                       |                                                       |
|-------------------------------------------------------|-------------------------------------------------------|
| Product Categories/Family for anti-Swol_2170 antibody | Monoclonal Antibodies to Infectious Agents and Toxins |
|-------------------------------------------------------|-------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 114567678   |
| NCBI GeneID      | 4283151     |
| NCBI Accession # | YP_754832.1 |

|                           |                             |
|---------------------------|-----------------------------|
| NCBI GenBank Nucleotide # | <a href="#">NC_008346.1</a> |
| NCBI Official Full Name   | glutamate dehydrogenase     |
| NCBI Official Symbol      | Swol_2170                   |
| NCBI Protein Information  | glutamate dehydrogenase     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/glutamate-dehydrogenase-clostridia-species-antibody-elisa/58001>