

## DsbA Antibody | anti-DsbA antibody

DsbA Antibody

|                              |                                       |                                            |
|------------------------------|---------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA17946</b> | REACTIVITY<br><b>Escherichia coli</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|------------------------------|---------------------------------------|--------------------------------------------|

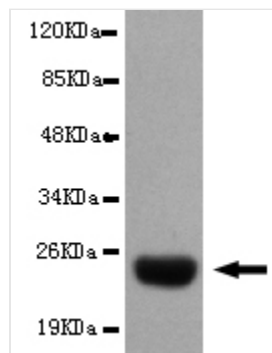
### PRODUCT SYNONYMS

DsbA; DsbA Antibody; Mouse monoclonal IgG to DsbA; anti-DsbA antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                 |
|------------------------------------------------|---------------------------------------------------------------------------------|
| Reactivity                                     | Escherichia coli                                                                |
| Purity/Purification                            | Protein G-Sepharose affinity purified                                           |
| Form/Format                                    | Liquid; Preservative 0.02% Sodium Azide and 50% glycerol, 1% BSA, PBS, pH7.4.   |
| Applicable Applications for anti-DsbA antibody | ELISA, WB (Western Blot)                                                        |
| Application Notes                              | ELISA: 1:5000-1:20000<br>WB: 1:500-1:2000                                       |
| Immunogen                                      | Full Length (Escherichia coli) Disulfide Oxidoreductase, isolated from E. coli. |
| Cellular Localization                          | Nucleus                                                                         |
| Preparation and Storage                        | Aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.           |

### IMAGES



#### Application Data

DsbA antibody (AAA17946) at 1/3000 dilution interacts with recombinant DsbA protein.

Predicted band size: 24kDa. Observed band size: 24kDa.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DsbA antibody | Description: Mouse monoclonal IgG to DsbA.<br>Disulphide oxidoreductase (DsbA) is the major oxidase responsible for generation of disulfide bonds in proteins of E. coli envelope. It is a member of the thioredoxin superfamily. DsbA introduces disulfide bonds directly into substrate proteins by donating the disulfide bond in its active site Cys30-Pro31-His32-Cys33 to a pair of cysteines in substrate proteins. DsbA is reoxidized by dsbB. It is required for pilus biogenesis. |
| Product Categories/Family for anti-DsbA antibody   | <a href="#">Autophagy antibody</a> ; <a href="#">Cancer</a> ; <a href="#">Cardiovascular</a> ; <a href="#">Cell Biology</a> ; <a href="#">Epigenetics &amp; Nuclear Signaling</a> ; <a href="#">Developmental Biologys</a> ; <a href="#">Immunology</a> ; <a href="#">Drug Discovery Products</a> ; <a href="#">Metabolism</a> ; <a href="#">Neuroscience</a> ; <a href="#">Signal Transduction</a> ; <a href="#">Stem Cells</a>                                                            |

NCBI AND UNIPROT INFORMATION

|                           |                                  |
|---------------------------|----------------------------------|
| NCBI GI #                 | 251787125                        |
| NCBI GeneID               | 8114936                          |
| NCBI Accession #          | YP_003001429                     |
| NCBI GenBank Nucleotide # | NC_012892.2                      |
| UniProt Accession #       | C5WBA2                           |
| NCBI Official Full Name   | protein disulfide oxidoreductase |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/escherichia-coli-antibody/dsba/17946>