



# DsbA-Tag mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-04463                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>                  | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB-re                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>                   | dsba                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>                   | Purified recombinant E.coli. DsbA protein fragments over expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Specificity</b>                 | This antibody detects endogenous levels of DsbA and does not cross-react with related proteins.                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>                      | Monoclonal, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification</b>                | The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                    |
| <b>Dilution</b>                    | wb 1:1000                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>                    | DsbA;DSBA like thioredoxin domain containing protein.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Observed Band</b>               | 24kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Calculated Molecular Weight</b> | 24kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cell Pathway</b>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Function</b>                    | P0AEG4 periplasmic protein disulfide isomerase I(dsbA) Escherichia coli str. K-12 substr. MG1655 function:Required for disulfide bond formation in some periplasmic proteins such as phoA or ompA. Acts by transferring its disulfide bond to other proteins and is reduced in the process. DsbA is reoxidized by dsbB. It is required for pilus biogenesis.,similarity:Belongs to the thioredoxin family. DsbA subfamily.,similarity:Contains 1 thioredoxin domain., |
| <b>Background</b>                  | P0AEG4 periplasmic protein disulfide isomerase I(dsbA) Escherichia coli str. K-12 substr. MG1655 function:Required for disulfide bond formation in some periplasmic proteins such as phoA or ompA. Acts by transferring its disulfide bond to other proteins and is reduced in the process. DsbA is reoxidized by dsbB. It is required for pilus biogenesis.,similarity:Belongs to the thioredoxin                                                                    |



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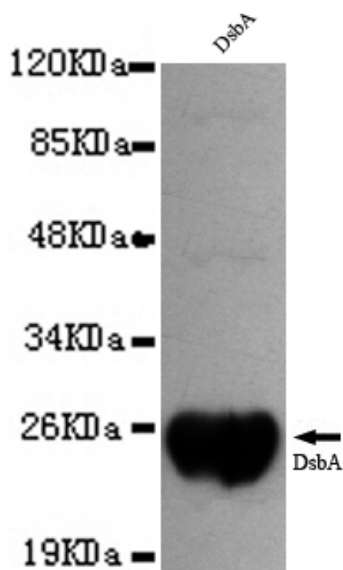
**matters needing attention**

Avoid repeated freezing and thawing!

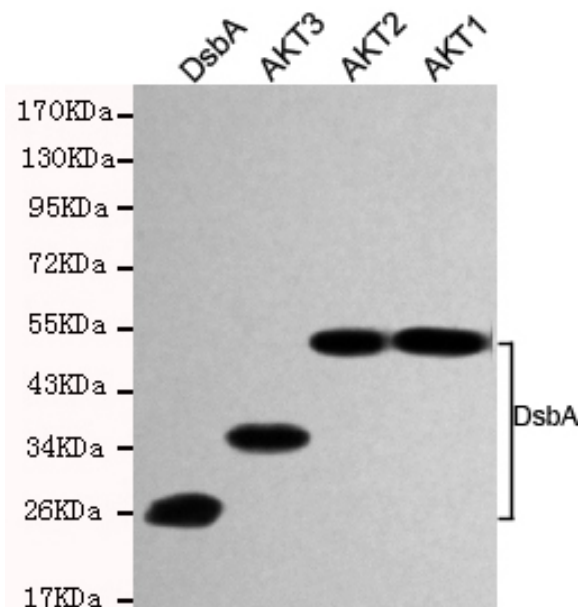
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot detection of DsbA with DsbA recombinant protein using DsbA mouse mAb (1:1000 diluted). Predicted band size: 24KDa. Observed band size: 24KDa.



Western blot detection of DSBA in AKT1, AKT2, AKT3 and DSBA recombinant antigen fragments using DSBA mouse mAb (1:1000 diluted).