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Anti-DsbA Antibody (1A2-D4-G10)

Mouse Monoclonal Antibody
Catalog # ABV12057

Product Information

Application	WB
Primary Accession	P0AEG4
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Names	1A2-D4-G10
Calculated MW	23105

Additional Information

Gene ID	86948491;93778077;948353
Application & Usage	WB: AKT1, AKT2, AKT3 and DSBA recombinant antigen
Other Names	Thiol:disulfide interchange protein DsbA, dsbA, dsf, ppfA
Target/Specificity	Thiol:disulfide interchange protein DsbA
Antibody Form	Liquid
Appearance	Colorless liquid
Formulation	In buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Handling	The antibody solution should be gently mixed before use.
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-DsbA Antibody (1A2-D4-G10) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	dsbA
Synonyms	dsf, ppfA
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. Required for pilus

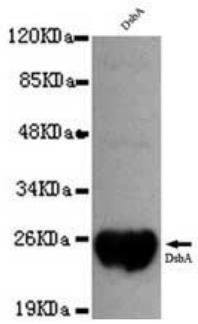
biogenesis. PhoP-regulated transcription is redox-sensitive, being activated when the periplasm becomes more reducing (deletion of dsbA/dsbB, treatment with dithiothreitol). MgrB acts between DsbA/DsbB and PhoP/PhoQ in this pathway.

Cellular Location Periplasm.

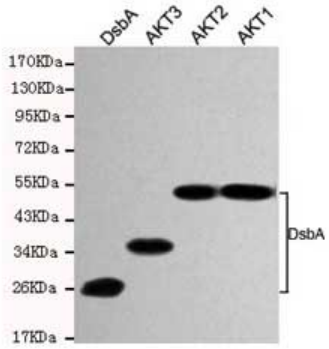
Background

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. Required for pilus biogenesis. PhoP-regulated transcription is redox-sensitive, being activated when the periplasm becomes more reducing (deletion of dsbA/dsbB, treatment with dithiothreitol). MgrB acts between DsbA/DsbB and PhoP/PhoQ in this pathway.

Images



Western blot detection of DsbA with Dsba recombinant protein using DsbA mouse mAb



Western blot detection of DSBA in AKT1, AKT2. AKT3 and DS6A recombinant antigen fragments using DSBA mouse mAb

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.