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SSBP1 Antibody (monoclonal) (M10)

Mouse monoclonal antibody raised against a full length recombinant SSBP1.
Catalog # AT4043a

Specification

SSBP1 Antibody (monoclonal) (M10) - Product Information

Application	**WB, E**
Primary Accession	Q04837
Other Accession	BC000895
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**17260**

SSBP1 Antibody (monoclonal) (M10) - Additional Information

Gene ID 6742

Other Names
Single-stranded DNA-binding protein, mitochondrial, Mt-SSB, MtSSB, PWP1-interacting protein 17, SSBP1, SSBP

Target/Specificity
SSBP1 (AAH00895, 1 a.a. ~ 148 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000
E~~N/A

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
SSBP1 Antibody (monoclonal) (M10) is for research use only and not for use in diagnostic or therapeutic procedures.

SSBP1 Antibody (monoclonal) (M10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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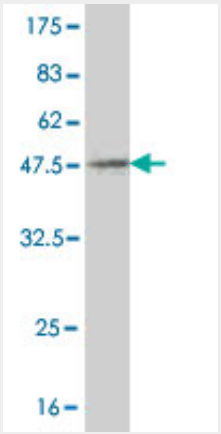
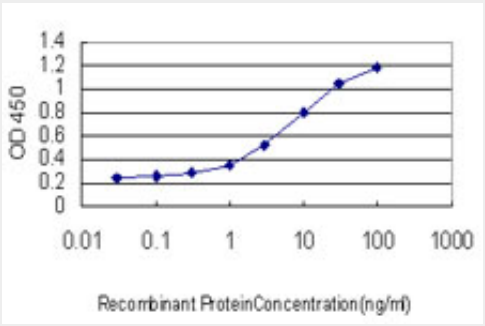
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SSBP1 Antibody (monoclonal) (M10) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (42.02 KDa) .



Detection limit for recombinant GST tagged SSBP1 is approximately 0.3ng/ml as a capture antibody.

SSBP1 Antibody (monoclonal) (M10) - Background

SSBP1 is a housekeeping gene involved in mitochondrial biogenesis (Tiranti et al., 1995 [PubMed 7789991]). It is also a subunit of a single-stranded DNA (ssDNA)-binding complex involved in the maintenance of genome stability (Huang et al., 2009) [PubMed 19683501].

SSBP1 Antibody (monoclonal) (M10) - References

1.Involvement of p53 in cell death following cell cycle arrest and mitotic catastrophe induced by rotenone.Goncalves AP, Maximo V, Lima J, Singh KK, Soares P, Videira A.Biochim Biophys Acta. 2011 Jan 9. [Epub ahead of print]