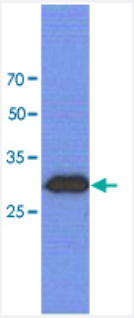
SBDS monoclonal antibody, clone AT1E8

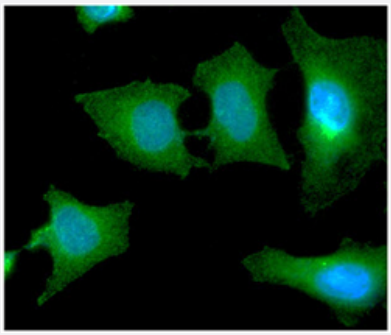
Catalog # MAB11197 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate (40 ug) by using SBDS monoclonal antibody, clone AT1E8 (Cat # MAB11197) (1:3000).



Immunofluorescence

Immunofluorescence analysis of SBDS in HeLa cells. The cell was stained with SBDS monoclonal antibody, clone AT1E8 (Cat # MAB11197) The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant SBDS.
Immunogen	Recombinant protein corresponding to amino acids 1-250 of human SBDS.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Concentration	1 mg/mL

Isotype	IgG2b, kappa
Recommend Usage	ELISA Immunocytochemistry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of HeLa cell lysate (40 ug) by using SBDS monoclonal antibody, clone AT1E8 (Cat # MAB11197) (1:3000).

- Immunocytochemistry

- Immunofluorescence

  Immunofluorescence analysis of SBDS in HeLa cells. The cell was stained with SBDS monoclonal antibody, clone AT1E8 (Cat # MAB11197) The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SBDS

Entrez GeneID	51119
Protein Accession#	NP_057122
Gene Name	SBDS
Gene Alias	CGI-97, FLJ10917, SDS, SWDS
Gene Description	Shwachman-Bodian-Diamond syndrome
Omim ID	260400 607444

Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of a highly conserved protein family that exists from archaea to vertebrates and plants. The encoded protein may function in RNA metabolism. Mutations within this gene are associated with Shwachman-Bodian-Diamond syndrome. An alternative transcript has been described, but its biological nature has not been determined. This gene has a closely linked pseudogene that is distally located. [provided by RefSeq
Other Designations	Shwachman-Bodian-Diamond syndrome protein

Disease

- Anemia