SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Mouse Anti-SBDS antibody

Catalog Number: SLM-60373M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2a/Kappa
Clonality:	Monoclonal
Clone No.:	G3D9
Target:	SBDS
Purification:	Affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-1000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Subcellular Location:	The nucleus The cell membrane
Background:	It is essential for mature ribosome assembly and ribosome biogenesis. Together with EFL1, it triggers the GTP-dependent release of EIF6 from cytoplasmic 60S pre-ribosomes, thereby activating the translational capacity of ribosomes by allowing 80S ribosome assembly and promoting the recycling of EIF6 to the nucleus, where it is necessary for 60S rRNA processing and nuclear export. It is also required for normal levels of protein synthesis. It may play a role in cellular stress resistance, possibly in the cellular response to DNA damage, and may also be involved in cell proliferation.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.