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

[Primary Antibody]

Mouse Anti-BRD8 antibody

Catalog Number: SLM-60358M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2a/Kappa
Clonality:	Monoclonal
Clone No.:	B5F5
Target:	BRD8
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=1:500-2000 IHC-P=1:100-500 IHC-F=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
Subcellular Location:	The nucleus
Background:	It may act as a coactivator in the transcriptional activation process of hormone-activated nuclear receptors (NRs). Isoform 2 stimulates transcriptional activation through AR/DHTR, ESR1/NR3A1, RXRA/NR2B1, and THRB/ERBA2. Isoforms 1 and 2 are components of the NuA4 histone acetyltransferase (HAT) complex, which is primarily involved in the transcriptional activation of selected genes through the acetylation of nucleosomal histones H4 and H2A. This modification may alter the interaction between nucleosomes and DNA, and promote the interaction between modified histones and other histones that positively regulate transcription. This complex may be necessary for activating transcriptional programs related to oncogene- and proto-oncogene-mediated growth induction, tumor suppressor gene-mediated growth arrest and replicative senescence, apoptosis, and DNA repair. When recruited to DNA

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	damage sites, NuA4 may also play a direct role in DNA repair.

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