

Mouse GSPT2 Monoclonal Antibody | anti-GSPT2 antibody

GSPT2 antibody

CATALOG # AAA74708	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

GSPT2; Monoclonal Antibody; GSPT2 antibody; Monoclonal GSPT2; Anti-GSPT2; G1 To S Phase Transition 2; FLJ10441; GST2; eRF3b; GSPT 2; GSPT-2; anti-GSPT2 antibody

PRODUCT SPECIFICATIONS

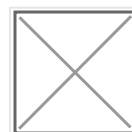
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2G9
Purity/Purification	GSPT2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.32mg/ml (varies by lot)
Sequence Length	628
Applicable Applications for anti-GSPT2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	GSPT2 is closely related to GSPT1, a GTP-binding protein that plays an essential role at the G1- to S-phase transition of the cell cycle in yeast and human cells. GSPT1 is a positive regulator of translational accuracy and, in a bin ary complex with eRF1, functions as a polypeptide chain release factor.
Cross-Reactivity	Human, Mouse, Rat
Immunogen	GSPT2 antibody was raised in mouse using a full length recombinant protein of human GSPT2 (NP_060564) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Upon receipt store at -20 degree C for 12 months from date of receipt.

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis using GSPT2 antibody (AAA74708)Flow Cytometric analysis of HEK293T cells transfected with either recombinant GSPT2 protein (red) or empty vector (blue) stained using GSPT2 antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant GSPT2 protein using GSPT2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GSPT2 protein (Right) or empty vector (Left) detected with GSPT2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GSPT2 antibody	Mouse monoclonal GSPT2 antibody
Product Categories/Family for anti-GSPT2 antibody	Cell Cycle & Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	46094014
NCBI GeneID	23708
NCBI Accession #	NP_060564
NCBI GenBank Nucleotide #	NM_018094.4
UniProt Accession #	Q8IYD1; Q9H909; Q9NVY0; Q9NY44
Molecular Weight	68,883 Da
NCBI Official Full Name	eukaryotic peptide chain release factor GTP-binding subunit ERF3B
NCBI Official Synonym Full Names	G1 to S phase transition 2
NCBI Official Symbol	GSPT2
NCBI Official Synonym Symbols	GST2; ERF3B
NCBI Protein Information	eukaryotic peptide chain release factor GTP-binding subunit ERF3B
UniProt Protein Name	Eukaryotic peptide chain release factor GTP-binding subunit ERF3B
UniProt Gene Name	GSPT2
UniProt Synonym Gene Names	ERF3B; Eukaryotic peptide chain release factor subunit 3b; eRF3b
UniProt Entry Name	ERF3B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gspt2-antibody-clone-2g9-western-blot-immunofluorescence-flow-cytometry-elisa/74708>