Datasheet for ABIN7595680

anti-GSG2 antibody (AA 1-798) (FL594)

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Overview

Quantity:	200 µL
Target:	GSG2
Binding Specificity:	AA 1-798
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GSG2 antibody is conjugated to FL594
Application:	Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-Haspin/GSG2 Antibody FL594 Conjugate
Immunogen:	Fusion protein amino acids 1-798 (full-length) of human Haspin (accession number Q8TF76)
Clone:	N128A-2
Isotype:	IgG1
Specificity:	No off-targets reported
Cross-Reactivity:	Human
Characteristics:	Description: Our Anti-Haspin/GSG2 mouse monoclonal primary antibody is produced in-house from hybridoma clone N128A/2. It detects human Haspin/GSG2, and is purified by Protein A chromatography. It is great for use in ICC. Manufacturer Comment: We produce our Haspin/GSG2 mouse monoclonal primary antibody

Product Details

	from hybridoma clone N128A/2. It is great in ICC and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb.
Purity:	> 90 % specific antibody

Target Details

Target:	GSG2
Alternative Name:	GSG2 (GSG2 Products)
Background:	Synonyms: Serine/threonine-protein kinase haspin (EC 2.7.11.1) (Germ cell-specific gene 2 protein) (H-haspin) (Haploid germ cell-specific nuclear protein kinase) Target Description: Histone H3 Associated Protein Kinase is encoded by the gene HASPIN. HASPIN is a member of the protein kinase superfamily, Ser/Thr protein kinase family, and the Haspin subfamily. HASPIN is a serine/threonine - protein kinase that phosphorylates histone H3 at 'Thr-3' (H3T3ph) during mitosis. HASPIN may act through H3T3ph to both position and modulate activation of AURKB and other components of the chromosomal passenger complex (CPC) at centromeres to ensure proper chromatid cohesion, metaphase alignment, and normal progression through the cell cycle. HASPIN is expressed in the testis, thymus, bone marrow, prostate, intestine, lung, spleen, and lymph node. No diseases were found to be associated with HASPIN. Gene Name Alternatives: HASPIN GSG2
Molecular Weight:	90 kDa

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % azide
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Expiry Date:	12 months