

Product Datasheet

Anti-Haspin/GSG2 Antibody FL594 Conjugate



Overview

Catalog #	75-161-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	N128A/2
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC
Species Reactivity	Human
Immunogen	Fusion protein amino acids 1-798 (full-length) of human Haspin (accession number Q8TF76)
Molecular Weight	90 kDa
Cite this Antibody	Antibodies Inc Cat# 75-161-FL594, RRID: AB_2939598

Details

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.
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.

Storage

Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

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