

## Product Datasheet

## Anti-Haspin/GSG2 Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-161-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N128A/2
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Human
<b>Immunogen</b>	Fusion protein amino acids 1-798 (full-length) of human Haspin (accession number Q8TF76)
<b>Molecular Weight</b>	90 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-161-FL490, RRID: AB_2939596

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	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.

**Note:** For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.