

# DAPI Counterstain (1500ng/ml)

Catalog # U0031

Size 2 x 0.5 mL

## Specification

**Product Description**

Recommended counterstain when a more intense DAPI stain is desired. Provides more distinct DAPI banding patterns than achievable with **DAPI Counterstain (1500 ng/mL)** in certain applications such as staining of nuclear DNA in paraffin sections.

**Storage Instruction**

Store at 4°C in the dark.

## Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

## Publication Reference

- [Abi1 mediates airway smooth muscle cell proliferation and airway remodeling via Jak2/STAT3 signaling.](#)

Ruping Wang, Yinna Wang, Guoning Liao, Bohao Chen, Reynold A Panettieri Jr, Raymond B Penn, Dale D Tang.  
iScience 2022 Feb; 25(2):103833.

Application: IF, Human, Human airway smooth muscle cells

- [Effect of RGD functionalization and stiffness of gellan gum hydrogels on macrophage polarization and function.](#)

Zhuqing Li, Kaitlin M Bratlie.

Materials science & Engineering. C, Materials for Biological Applications 2021 Sep; 128:112303.

Application: IF, Mouse, Raw 264.7 cells

- [How Cross-Linking Mechanisms of Methacrylated Gellan Gum Hydrogels Alter Macrophage Phenotype.](#)

Zhuqing Li, Kaitlin M Bratlie.

ACS Applied Bio Materials 2019 Jan; 2(1):217.

Application: IF, Mouse, Raw 264.7 cells

- [Sensitivity to asbestos is increased in patients with mesothelioma and pathogenic germline variants in BAP1 or other DNA repair genes.](#)

Betti M, Aspesi A, Ferrante D, Sculco M, Righi L, Mirabelli D, Napoli F, Rondón-Lagos M, Casalone E, Vignolo Lutati F, Ogliara P, Bironzo P, Gironi CL, Savoia P, Maffè A, Ungari S, Grosso F, Libener R, Boldorini R, Valiante M, Pasini B, Matullo G, Scagliotti G, Magnani C, Dianzani I.

Genes, Chromosomes & Cancer 2018 Nov; 57(11):573.

Application: FISH, Human, Human malignant pleural mesothelioma, Pleural effusion cells

- [Investigation of molecular alterations of AKT-3 in triple-negative breast cancer.](#)

O'Hurley G, Daly E, O'Grady A, Cummins R, Quinn C, Flanagan L, Pierce A, Fan Y, Lynn MA, Rafferty M, Fitzgerald D, Pontani F, Duffy MJ, Jirstrom K, Kay EW, Gallagher WM.

Histopathology 2014 Apr; 64(5):660.

Application: FISH-P, Human, Breast cancer