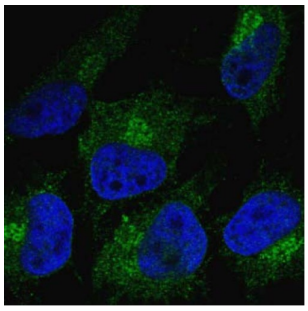
Hoechst 33342 Staining Kit

Catalogue No.:abx097207



Immunofluorescence analysis of HeLa cells. Formalin fixed cells were permeabilized in 0.1% Triton X-100 in TBS for 5-10 mins, blocked with 3% BSA-PBS for 30 min, room temperature prior to analysis. Cells were incubated with primary antibody (3% BSA-PBS, overnight, 4 °C, humidified). Cells were washed with PBST, then incubated with FITC-conjugated secondary antibody (green) in PBS at room temperature in the dark. Hoechst 33342 was used to stain cell nuclei (blue).

Hoechst 33342 Staining Kit contains Hoechst 33342 (Bisbenzimide) is a cell-permeable blue fluorescent stain that binds to adenine-thymine-rich regions of DNA, increasing its density.

Kit components:

- Hoechst 33342 Chromagen (5 mg/ml): 100 µl
- Dilution Buffer: 4 × 25 ml

Target:	Hoechst 33342
Tested Applications:	IF/ICC
Recommended dilutions:	IF/ICC: 5 µg/ml (dye concentration). Optimal dilutions/concentrations should be determined by the end user.
Excitation/Emission:	355/465
Storage:	Store the Hoechst 33342 Chromogen at -20 °C, and the dilution buffer at 4 °C. Avoid exposure to light.
Buffer:	Contains Hoechst 33342.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.
Directions for use:	For double or triple fluorescence staining in immunofluorescence tests, Hoechst 33342 staining is the last step after incubating the antibodies. For cultured cells, add 10 µl of Hoechst 33342 Chromogen to 2 ml Dilution Buffer in the same tube. Mix thoroughly (dye concentration is 5 µg/ml). Incubate for approximately 5 minutes in the dark at 30 °C, then wash with PBS/TBS 3 times, 3 minutes each time.

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