

FITC | fluorescein isothiocyanate (monoclonal, Clone NI 239)



Cat. No. APA-AT-096

Lot. No. (See product label)

Product Name

FITC | fluorescein isothiocyanate (monoclonal, Clone NI 239)

Host

Mouse

Immunogen

Highly purified fluorescein isothiocyanate isomer 1.

Background

FITC is a fluorochrome dye that absorbs ultraviolet or blue light causing molecules to become excited and emit a visible yellow-green light. This emission ceases upon removal of the light causing the excitation. FITC antibody is used to enhance the specific signal from a monoclonal antibody or a secondary antibody conjugated to FITC. The sensitivity of the FITC hapten-anti-hapten system makes it a useful alternative to other systems.

Format

Lyophilized

Clonality

Monoclonal

Purity

Purified IgG.1 in PBS pH 7.2.

Quantity

200 µg

Reactivity

FITC molecule

Confirmed reactivity

FITC molecule

Reconstitution

For reconstitution add 0.5 ml of sterile water

Tested applications

ELISA (ELISA), Indirect immunofluorescence (indirect IF)

Recommended dilution

The optimum working dilution should be determined by titration by end user. 1:500 (ELISA), 1:50 to 1:200 (IL)

Storage

Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube. Short time storage at +4°C.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY