

Goat anti-Human IgM Fc_μ fragment specific conjugated to R-Phycoerythrin

Product Number D5-110M-100
Amount 100 μg/mL
Store at 2-8°C

Form/Shipping & Storage

Supplied as a lyophilized powder. Upon receipt, store at 2-8°C in the dark, do not freeze. Phycobiliproteins are sensitive to freeze-thaw cycles.

Handling

We recommend that the investigator determine the appropriate working concentration for their specific application. Avoid exposure to heat and light.

Buffer

Upon reconstitution with 1 ml of distilled water, the product is in 100 mM sodium phosphate (pH 7.4), 100 mM sodium chloride, 50 mM sucrose, 0.1% BSA (cryoprotectants) and 0.05% sodium azide as a preservative. The concentration of the conjugate is 0.1 mg/ml.

Stability

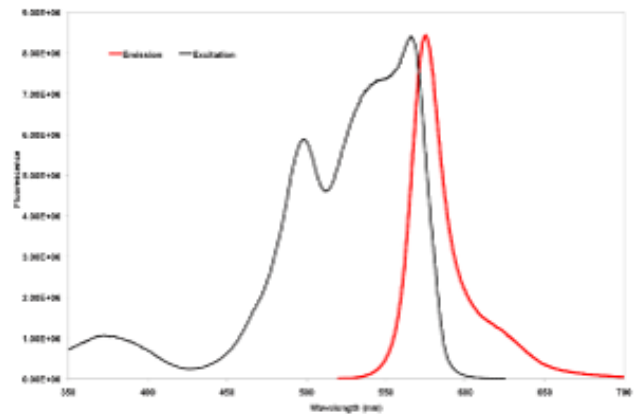
Product should be stored at 2-8°C in the dark and be used within 6 months. If further dilution of the conjugate is required, use diluted material within one week.

Note

For research use only, not for diagnostic or therapeutic use.

Antibody Information

The goat anti-human IgM Fc_μ antibody was cross-absorbed versus bovine serum proteins prior to conjugation to R-phycoerythrin.



Fluorescence excitation and emission spectra of R-phycoerythrin in 100 mM sodium phosphate (pH 7.2) + 1 mM EDTA and 1 mM sodium azide. Emission scan was taken with excitation at 498 nm. Excitation scan was taken with emission at 575 nm. Scans were normalized to equalize peak heights.

Spectral Characteristics

Visible absorption maxima	565>540>498
Emission maximum	578

Concentration

0.1 mg/ml total protein



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