



## Goat anti-Human IgM conjugated to R-Phycoerythrin

Product Number D5-110-M-100 or D5-110-M-1MG  
Amount 100 ug or 1mg  
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 or 1 mg/ml.

### Stability

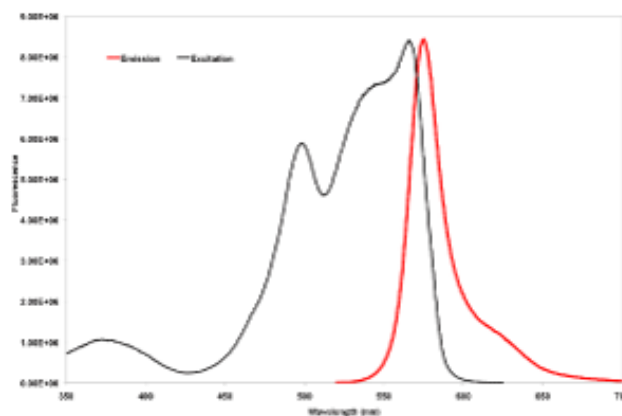
Product should be stored at 2-8°C in the dark and be used within 6 months. If further dilution of the conjugate is required, use diluted material within one week.

### Note

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

### Antibody Information

The goat anti-human IgM 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

0.1mg/ml total protein or 1 mg/mg total protein



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