



## Mouse Anti-6xHistidine (clone AD1.1.10) conjugated to SureLight® APC

Product Number D3-1711  
Amount 1 mg total protein  
Store at 2-8°C

### Form/Shipping & Storage

Supplied lyophilized. Upon receipt, store at -20 °C. Reconstitute with 1 ml of ddH<sub>2</sub>O and store at 2-8 °C. 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

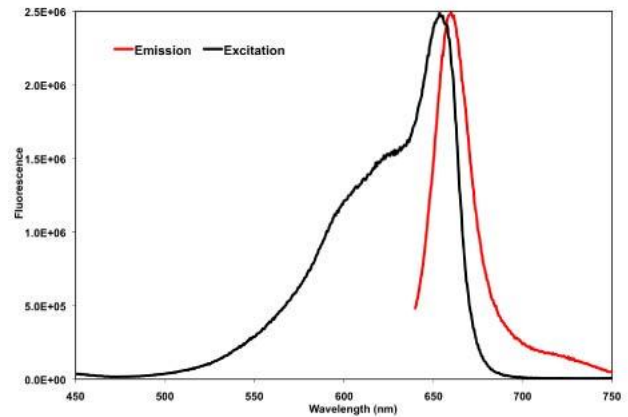
Upon reconstitution, the product is in 10 mM tris (pH 8.2) + 100 mM NaCl + 0.1% BSA +50mM sucrose.

### Stability

Product should be stored at 2-8°C in the dark and be used within 1 year. If further dilution of the conjugate is required, use diluted material within one month.

### Note

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



Fluorescence excitation and emission spectra of APC in 100 mM sodium phosphate (pH 7.2) + 1 mM EDTA and 1 mM sodium azide. The emission scan was taken with excitation at 630 nm. The excitation scan was taken with an emission at 660 nm. The curves were normalized to equalize peak heights.

### Spectral Characteristics

Visible absorption maxima	652
Emission maximum	657

### References

Tang YQ, Han SY, Zheng H, Wu L, Ueda M, Wang XN, Lin Y. Construction of cell surface-engineered yeasts displaying antigen to detect antibodies by immunofluorescence and yeast-ELISA. *Appl Microbiol Biotechnol.* 2008 Jul;79(6):1019-26.

Kojima T, Takei Y, Ohtsuka M, Kawarasaki Y, Yamane T, Nakano H. PCR amplification from single DNA molecules on magnetic beads in emulsion: application for high-throughput screening of transcription factor targets. *Nucleic Acids Res.* 2005 Oct 6;33(17):e150.

Tran TM, Moreno A, Yazdani SS, Chitnis CE, Barnwell JW, Galinski MR. Detection of a *Plasmodium vivax* erythrocyte binding protein by flow cytometry. *Cytometry A.* 2005;63(1):59-66.



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