

## Rabbit Anti-V5 conjugated to SureLight® APC

Product Number D3-1834  
Amount 100 µg total protein

### Form/ Storage

Conjugate supplied as a lyophilized powder. Upon receipt, store at 2-8°C in the dark.

### Handling

Avoid exposure to heat and light. Prior to use reconstitute to 1 ml with distilled deionized water, vortex and allow it to sit on ice for 20 minutes.

### Buffer

Upon reconstitution, the product is in 100 mM sodium phosphate (pH 7.4), 50 mM sucrose, 150 mM sodium chloride, 0.1% BSA as a stabilizer, and 2 mM sodium azide as a preservative. The concentration of the conjugate is 100 µg/ml.

### Stability

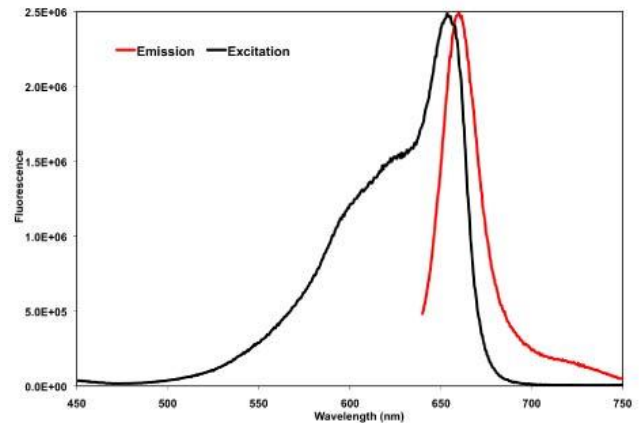
Lyophilized material is stable for one year. After product has been reconstituted, product should be stored at 2-8°C in the dark and be used within 3 months.

### Note

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

### Antigen Info

Antibody was raised against V5-tag with amino acid sequence GKPIPPLLGLDST.



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	650
Emission maximum	656 nm

Concentration (after reconstitution)	0.1 mg/mL
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Fluor:Protein	~1.2:1
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### References

Brown GD, Herre J, Williams DL, Willment JA, Marshall ASJ, Gordon S. Dectin-1 Mediates the Biological Effects of  $\beta$ -Glucans. *J. Exp. Med.* 2003 May 5; 197(9):119–1124.

Six E, Ndiaye D, Laabi Y, Brou C, Gupta-Rossi N, Israel A, Logeat F. The Notch ligand Delta1 is sequentially cleaved by an ADAM protease and  $\gamma$ -secretase. *PNAS.* 2003 Jun 24;100(13):7638–7643.



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