



Mouse Anti-Cytokeratin (clone C11) conjugated to SureLight® APC

Product Number D3-1760
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 10 mM Tris (pH 8.2), 50 mM sucrose, 150 mM sodium chloride, 0.1% BSA as a stabilizer. 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 6 months.

Note

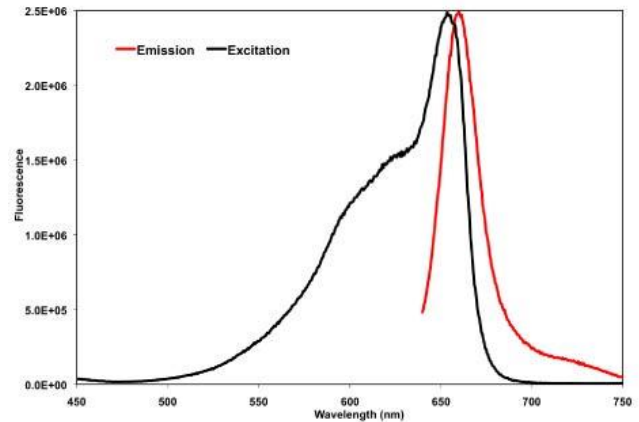
For research use only, not for diagnostic or therapeutic use.

Antigen Info

Human cytokeratins 4, 5, 6, 8, 10, 13, and 18

Reactivity

Human; other species not tested



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

References

- Bártek, J., Vojtěšek, B., Stašková, Z., et al. *Journal of Pathology* 164, 215-224 (1991).
- Magin, T.M., Vijayaraj, P., and Leube, R.E. *Exp. Cell Res.* 313, 2021-2032 (2007).
- Gu, L.-H. and Coulombe, P.A. *Curr. Opin. Cell Biol.* 19, 13-23 (2007).
- Ditzel, H.J., Strik, M.C.M., Larsen, M.K., et al. *J. Biol. Chem.* 277(24), 21712-21722 (2002).
- Plowman, J.E. *Journal of Chromatography B* 849, 181-189 (2007).



COLUMBIA BIOSCIENCES