Rabbit Anti-EP4 Receptor (C-term.) conjugated to R-Phycoerythrin

Product Number	D5-1866
Lot#	RPE102-17-003
Amount	50 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 0.5 ml with distilled deionized water, vortex and allow it to sit on ice for 20 minutes.

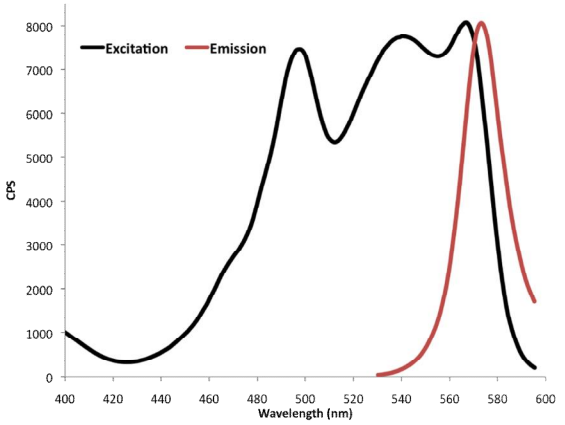
Buffer
Upon reconstitution, the product is in 100 mM sodium phosphate (pH 7.4), 50 mM sucrose, 100 mM sodium chloride, 0.1% BSA, and 2 mM sodium azide. The concentration of the conjugate is 100 µg/ml.

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
EP4 receptor C-terminal amino acids 459-488 (GSGRAGPAPKGSSLQVTFPSETLNLSEKCI)

Reactivity
Human, murine, rat, and ovine EP4 receptor; non-reactive with EP1, EP2, and EP3 receptors; other species not tested.



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.

Spectral Characteristics

Visible absorption maxima	565>540>498
Emission maximum	578 nm
Fluor:Protein	~0.91:1

References

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Narumiya, S., Sugimoto, Y., and Ushikubi, F. Prostanoid receptors: structures, properties, and functions. Physiol. Rev. 79, 1193-1226 (1999).

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