

Percp type component





Overview

How many peridinin & chlorophyll are in a PerCP complex?

The PerCP complex has a high ratio of peridinin to chlorophyll; most light-harvesting complexes contain more chlorophyll than carotenoids, but the PerCP contains eight peridinin and two chlorophyll molecules arranged to promote peridinin-chlorophyll energy transfer. The PerCP complex is a dimer with a molecular weight of approximately 35kDa.

What is PerCP used for in research applications?

PerCP is commonly used in research applications such as fluorescence-activated cell sorting (FACS) and flow cytometry. The fluorophore is covalently linked to proteins or antibodies for use in these techniques. Authors: Petrasek Z, Schmitt FJ, Theiss C, Huyer J, Chen M, Larkum A, Eichler HJ, Kemnitz K, Eckert HJ.

What is a PerCP conjugate?

PerCP conjugates are large complexes suitable for cell surface labeling techniques such as flow cytometry. PerCP is available conjugated to:

What is a PerCP conjugate in Dinophyceae SP?

Jackson ImmunoResearch offers the form found in Dinophyceae sp. It has a broad spectrum of excitation with the main peak at 482 nm, and a long Stokes shift to an emission peak at 677 nm. PerCP conjugates are large complexes suitable for cell surface labeling techniques such as flow cytometry.

What is the spectra of PerCP conjugated to an affinity-purified secondary antibody?

PerCP has a broad spectrum of excitation with a main peak at 472-483 nm, and a long Stokes shift to an emission peak at 677 nm (Figure 1). Figure 1. Relative shape and position of spectra in the peak region of excitation (blue) and emission (purple) for PerCP conjugated to an affinity-purified secondary



antibody .

What is a good alternative to PerCP eFluor?

PerCP exhibits a large Stokes' Shift, with an excitation peak at 482 nm and an emission peak at 675 nm. PerCP is was historically used in flow cytometry, however it is highly susceptible to photobleaching and has poor stability. Alternatives like BB700, NovaFluor Blue 690 or PerCP-eFluor™ 710 are preferred.



Percp type component



[PerCP: Peridinium Chlorophyll Protein Complex](#)

PerCP is a fluorescent peridinin-chlorophyll protein complex. This specialized molecular complex consists of a protein molecule with a large central cavity that contains peridinin, chlorophyll, ...

[Product Information](#)

Peridinin-chlorophyll-protein complex industry from algae: A ...

As a fluorescent reagent, PerCP is extensively used in many biomedical researches, such as human blood cells, immune systems, leukemia, oncotherapy, coronary ...

[Product Information](#)



PerCP-Vio® 700 , Fluorophores for blue lasers , Miltenyi Biotec

Tandem dye composition: Uses PerCP as the donor and Vio 700 as the acceptor dye.
Instrument compatibility: Optimally excited by blue (488 nm) lasers; very narrow emission spectrum in ...

[Product Information](#)

BD PerCP-Cy5.5 and PerCP

Conjugated Reagents Originally developed and patented by BD Biosciences in 1989, BDTM PerCP products set the standard for PerCP reagents. We have applied our experience to offer ...

[Product Information](#)



[Complement Component C5aR1 Antibody \(347214\) \[PerCP\]](#)

View Mouse Monoclonal anti-Complement Component C5aR1 Antibody (347214) [PerCP] (FAB3648C). Validated Applications: Flow, B/N, CyTOF-ready. Validated Species: Human.

[Product Information](#)



[T7COT2-PERCP SAP table field stores Percentage Employee](#)

Below is the list of attribute values for the PERCP field including its length, data type, description text, associated data element, search help etc
You could also view this information on your ...

[Product Information](#)



[Complement Component C5aR1 Antibody \(32-G1\) \[PerCP\]](#)

View Mouse Monoclonal anti-Complement Component C5aR1 Antibody (32-G1) [PerCP] (NBP3-12084PCP). Validated Applications: WB, ICC/IF. Validated Species: Human.

[Product Information](#)





[Complement Component C3aR Mouse anti-Human, PerCP, ...](#)

Specifications Antigen Complement Component C3aR Classification Monoclonal Conjugate PerCP Formulation PBS Host Species Mouse Purification Method Protein A purified ...

[Product Information](#)



[SureLight® Peridinin-Chlorophyll Protein Complex \(PerCP\)](#)

The PerCP complex has a high ratio of peridinin to chlorophyll; most light-harvesting complexes contain more chlorophyll than carotenoids, but the PerCP contains eight peridinin and two ...

[Product Information](#)

[PerCP \[Peridinin-Chlorophyll-Protein Complex\]](#)

PerCP (Peridinin-chlorophyll-protein complex) is isolated from Dinophyceae sp. It has an extremely high extinction coefficient, a high quantum efficiency and a ...

[Product Information](#)



[IgA Secretory Component \(ECM1/792\), PerCP conjugate, 0.1mg/mL](#)

Item no. B-BNCP0792-250 Manufacturer Biotium Amount 250 ul Category Antibodies Primary Antibodies Type Antibody Primary Specific against other Conjugate/Tag PerCP ECLASS 10.1 ...

[Product Information](#)



PerCP-conjugated Antibodies

Peridinin Chlorophyll Protein Complex (PerCP)-conjugated antibodies are convenient tools for use in flow cytometry experiments. PerCP is a water soluble carotenoid pigment found in ...

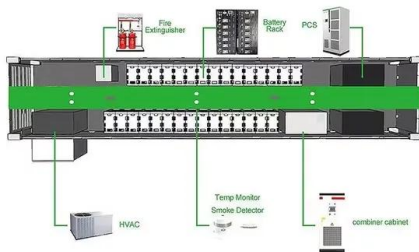
[Product Information](#)



[Peridinin-Chlorophyll-protein, PerCP](#)

Peridinin-Chlorophyll-Protein (PerCP) is a 35.5 kDa fluorescent peridinin-chlorophyll-protein complex isolated from dinoflagellates. Jackson ImmunoResearch offers the form found in ...

[Product Information](#)



[Exosome component 10 Antibody, PerCP, Novus Biologicals\(TM\)](#)

Description Exosome component 10 Polyclonal antibody specifically detects Exosome component 10 in Human samples. It is validated for Immunohistochemistry (Paraffin)

[Product Information](#)



[PerCP-Vio® 700 , Fluorophores for blue lasers](#)

Tandem dye composition: Uses PerCP as the donor and Vio 700 as the acceptor dye. Instrument compatibility: Optimally excited by blue (488 nm) lasers; very ...

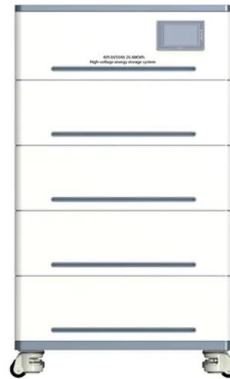
[Product Information](#)



BD PerCP-Cy5.5 and PerCP

Originally developed and patented by BD Biosciences in 1989, BDTM PerCP products set the standard for PerCP reagents. We have applied our experience to offer researchers the most ...

[Product Information](#)



PerCP Dye Profile

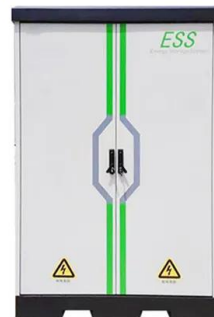
Peridinin-Chlorophyll-Protein (PerCP) is a red-emitting fluorescent protein isolated from algae that can be excited by the 488 nm blue laser and captured with a 670/30 nm bandpass filter. ...

[Product Information](#)

[Complement Component C3aR Antibody \(HC3aRZ8\), PerCP, ...](#)

Description Complement Component C3aR Monoclonal antibody specifically detects Complement Component C3aR in Human samples. It is validated for Flow Cytometry

[Product Information](#)



[Fluorescent Proteins: R-PE, PerCP and APC](#)

Phycobiliproteins are water-soluble, light-harvesting proteins that are highly fluorescent due to the incorporation of tetrapyrrole chromophores. They are isolated from cyanobacteria and ...

[Product Information](#)

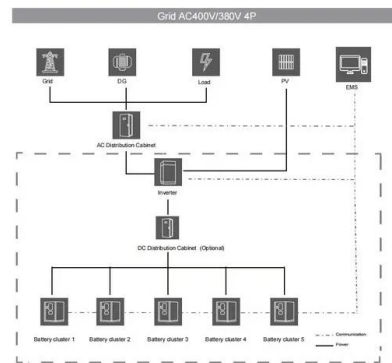


PerCP [Peridinin-Chlorophyll-Protein Complex]

PerCP (Peridinin-chlorophyll-protein complex) is isolated from Dinophyceae sp. It has an extremely high extinction coefficient, a high quantum efficiency and a large Stokes shift. It is

...

Product Information



Sample Order
UL/KC/CB/UN38.3/UL



PerCP-Cyanine5.5 dye

Peridinin chlorophyll protein-Cyanine5.5 (PerCP-Cyanine5.5) is a photostable tandem dye excited from the 488 nm laser. It is stable in fixative, and stained cells can be stored overnight.

Product Information

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.les-jardins-de-wasquehal.fr>