

Technical Data Sheet

FlowMAb PE anti-human/monkey CD28



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Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: FM0291-PE
Clone: CD28.2
Isotype: Mouse IgG1, κ
Conjugation: PE
Excitation Source: Yellow-Green 488 nm, 532 nm, 561 nm
Excitation Max: 496 nm, 566 nm
Emission Max: 576 nm
Immunogen: Human CD28 transfected cell line
Reported Applications: Flow cytometry Immunohistochemistry (frozen)
Formulation: PBS, pH 7.0
Contains 0.09% Sodium Azide
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_2687814](https://abnova.com/AB_2687814)

Description

The CD28.2 monoclonal antibody reacts with human and monkey CD28, a 45 kDa costimulatory receptor and a member of the Ig superfamily. CD28 is expressed by thymocytes, most peripheral T cells, and NK cells. CD28 is a receptor for CD80 (B7-1) and CD86 (B7-2). Signaling through CD28 augments IL-2 and IL-2 receptor expression as well as the cytotoxicity of CD3-activated T cells. This R-phycoerythrin (R-PE or PE)-conjugated version of the antibody is useful for flow cytometry and immunohistochemistry (frozen) applications.

Storage

Store at the stock concentration at 4°C and protected from prolonged exposure to light. **Do not freeze.**

Protocol Information

It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

Application References

For a complete list of references, visit https://bioxcell.com/fm0291-pe?bxcs=9k1b3a#tab_references or scan the QR code below.



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