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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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### Mouse Anti-CD271 / NGFR Monoclonal Antibody

CLX483AP  
CLX483PE  
CLX483APC

**Clone:** NGFR5

**Isotype:** Mouse IgG1

**Specificity:**

The mouse monoclonal antibody NGFR5 (originally C34C) recognizes CD271/NGFR, a 75 kDa transmembrane glycoprotein of the TNFR superfamily. The epitope is localized within amino acids 1 - 160.

**Immunogen:**

Purified CD271 protein isolated from human melanoma cell line A875.

**Species Reactivity:** Human, Rabbit, Cat, Non-human primates, Ferret.

**Negative species:** Mouse, Rat

**Application:** FC (QC tested), IP, WB, IHC(P), ICC, MC (CyTOF).

**Conjugate Preparation:**

The purified antibody is conjugated with R-Phycoerythrin (PE) or cross-linked Allophycocyanin (APC) under optimum conditions. The conjugates are purified by size-exclusion chromatography.

**Presentation:**

**Purified:** 0.1 mg (1 mg/mL) purified IgG buffered in PBS with 15 mM sodium azide, approx. pH 7.4. (Purified by protein-A affinity chromatography).

**PE:** 1 mL of PE conjugated IgG buffered in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide. Sufficient for 100 tests.

**APC:** 1 mL of APC conjugated IgG buffered in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide. Sufficient for 100 tests.

**Storage / Stability:**

Store in the dark at 2-8°C. Do not freeze all formats. Avoid prolonged exposure to light of conjugates. Do not use after expiration date stamped on vial label.

**Usage:**

Recommended dilutions for Flow Cytometry analysis of human blood cells:

**PE:** 10 µl reagent / 100 µl of whole blood or 10<sup>6</sup> cells in a suspension.

**APC:** 10 µl reagent / 100 µl of whole blood or 10<sup>6</sup> cells in a suspension.

Continued Overleaf....

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**References:**

Thompson SJ, Schatteman GC, Gown AM, Bothwell M: A monoclonal antibody against nerve growth factor receptor. Immunohistochemical analysis of normal and neoplastic human tissue. *Am J Clin Pathol.* 1989 Oct;92(4):415-23.

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**Laboratory Reagent For Research Use Only**

JK 11/18/19