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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Technically
Speaking

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for the Science of Tomorrow™

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 10⁶ cells in a suspension.

APC: 10 µl reagent / 100 µl of whole blood or 10⁶ 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.

Schatteman GC, Gibbs L, Lanahan AA, Claude P, Bothwell M: Expression of NGF receptor in the developing and adult primate central nervous system. *J Neurosci.* 1988 Mar;8(3):860-73.

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Laboratory Reagent For Research Use Only

JK 11/18/19