

Product Datasheet

Anti-Hu CD271 APC (orb154442)

Description	Mouse monoclonal antibody conjugated to APC which recognizes CD271 that is low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. It can mediate cell survival as well as cell death of neural cells. CD271 is useful for the detection of all cells expressing p75NTR on their surface, such as motor neurons cholinergic basal forebrain neurons, activated Schwann cells, olfactory ensheathing glial cells.
Reactivity	Feline, Ferret, Human, Primate, Rabbit
Conjugation	APC
Tested Applications	FC
Immunogen	Purified CD271 protein isolated from human melanoma cell line A875
Target	CD271
Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Application notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Extracellular and intracellular staining.
Isotype	Mouse IgG1
Clonality	Monoclonal
Clone Number	NGFR5
Antibody Type	Primary Antibody

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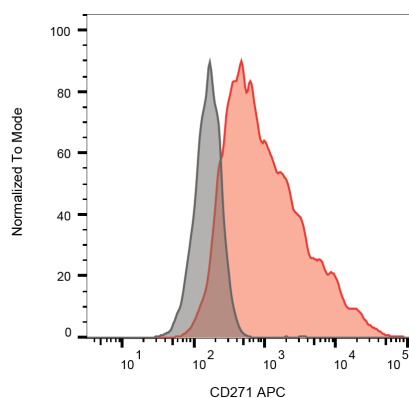
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Purity Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Uniprot ID **P08138**

Entrez **4804**

Expiration Date 12 months from date of receipt.



Separation of REH cells stained using anti-human CD271 (NGFR5) APC antibody (concentration in sample 0.33 µg/ml, red) from unstained REH cells (grey) in flow cytometry analysis (intracellular staining).

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