

Mouse anti-Hu CD271 Purified, clone NGFR5 (Monoclonal)

Clone no. NGFR5

MONOSAN

Product name	Mouse anti-Hu CD271 Purified, clone NGFR5 (Monoclonal)
Host	Mouse
Applications	FC , IP, WB, IHC-P, ICC, MC (CyTOF)
Species reactivity	Human, Rabbit, Cat, Non-human primates, Ferret
Conjugate	-
Immunogen	Purified CD271 protein isolated from human melanoma cell line A875
Isotype	IgG1
Clonality	Monoclonal
Clone number	NGFR5
Size	0.1 mg
Concentration	1 mg/ml
Format	Purified by protein-A affinity chromatography.
Storage buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

CD271 / NGFR, also known as p75NGFR or p75NTR, is a 75 kDa low affinity receptor for the NGF (nerve growth factor), BDNF (brain-derived growth factor), and other neurotrophins, such as NT3 and NT4/5. Unlike other members of the tumor necrosis factor receptor superfamily of transmembrane proteins, CD271 has unique intracellular domain structure (lacks catalytic activity) and downstream signaling partners. Triggered by its ligands CD271 affects growth, differentiation, migration and death of the nervous system cells. Specificity The mouse monoclonal antibody MIH26 recognizes an extracellular epitope of CD272, a transmembrane glycoprotein serving as a negative regulator of the activation in various leukocyte types. Application details Immunohistochemistry (paraffin sections): Recommended dilution: 1-2 µg/ml; Positive tissue: melanoma, heat-mediated antigen retrieval.
Flow cytometry: Extracellular and intracellular staining; recommended dilution: 1-4 µg/ml.

References

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