

Recombinant Anti-NGFR Antibody (V3S-0822-YC2143)

Cat. No.: V3S-0822-YC2143

Summary

Description	This product is a mouse monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing nerve growth factor receptor. It can be used for NGFR detection in Electron Microscopy (EM), Enzyme-Linked Immunosorbent Assay (ELISA), Flow Cytometry (FC), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry-Paraffin (IHC-P), Inhibition Assay (Inhib), Immunoprecipitation (IP), Radioimmunoassay (RIA), Western Blot (WB). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Human, Pig, Cat
Immunogen	Human melanoma cell line, WM245.
Isotype	IgG1
Isotype Control	C60052; C51237
Secondary Antibody	C47504; C37557; C41360; C32672; C10001; C52760; C17603; C65740

Property

Conjugation	Unconjugated
Purity	>95%, determined by SDS-PAGE
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	EM; ELISA; FC; ICC; IF; IHC-P; Inhib; IP; RIA; WB
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For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Target

Target	NGFR
Alternative Name	NGFR; nerve growth factor receptor; CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR
Gene ID	4804
UniProt	P08138
Introduction	Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain.
Research Area	Neuroscience; Stem Cell

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