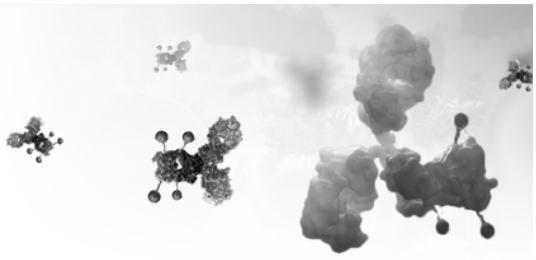

Anti-CNTF monoclonal antibody, clone 45849 (DCABY-4191)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Ciliary neurotrophic factor (CNTF) is structurally related to IL-6, IL-11, LIF, CLC, and OSM. CNTF was initially identified as a trophic factor for embryonic chick ciliary parasympathetic neurons in culture. Subsequent studies have demonstrated that CNTF is a survival factor for additional neuronal cell types, including dorsal root ganglion sensory neurons, sympathetic ganglion neurons, embryonic motor neurons, major pelvic ganglion neurons and hippocampal neurons.
Specificity	Detects rat CNTF in ELISAs andWestern blots.In sandwich immunoassays, less than 3% cross-reactivity with recombinant human CNTF is observed.
Immunogen	E. coli-derived recombinant rat CNTF. Ala2-Met200 Accession Number P20294.1
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Rat
Clone	45849
Purification	Protein A or G purified from ascites
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair), Neutralization
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

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Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Cntf ciliary neurotrophic factor [Rattus norvegicus (Norway rat)]
Official Symbol	CNTF
Synonyms	CNTF; ciliary neurotrophic factor; ciliary neurotropic factor;
Entrez Gene ID	25707
Protein Refseq	NP_037298
UniProt ID	P20294
Chromosome Location	1q43
Pathway	Cytokine-cytokine receptor interaction; Delta-Notch Signaling Pathway; Jak-STAT signaling pathway;
Function	ciliary neurotrophic factor receptor binding; cytokine activity; growth factor activity; interleukin-6 receptor binding;

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