www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

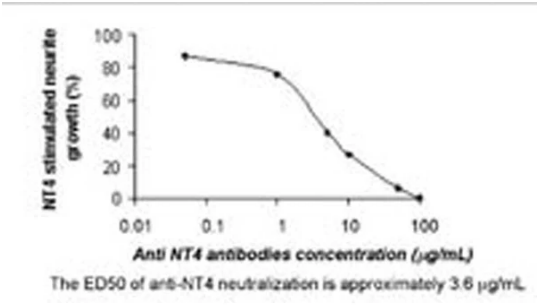
Anti-Neurotrophin-4/5 (NT-4/5) Antibody

Product Details

Available Variants	100 µL (SKU:S-058-100)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Sheep
Format	Whole serum
Physical State	Lyophilized
Applications	ELISA, IHC, Neutralize, WB
Dilution Ranges	WB: 1:500-1:2000 IHC: 1:500-1:2000 ELISA: 1:500-1:2000
Species Reactivity	Human, Monkey, Mouse, Rat
Immunogen	Recombinant human NT4
Specificity	Less than 1% cross-reactivity against NGF, recombinant human BDNF and 5% to NT3 has been shown by 1-site ELISA. Known to react with NT4 from rat and human, mouse and monkey.
Storage	Spin vial briefly before opening. Reconstitute in 100 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution keep aliquots at -20°C for a higher stability, and at 2-8°C with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles. Glycerol (1:1) may be added for an additional stability.
UniProt ID	P34130 UniProt Summary: Target-derived survival factor for peripheral sensory sympathetic neurons. May promote ameloblast differentiation and subsequent reduction in proliferation of ameloblasts.
Country of Origin	United States

Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.
NCBI Gene ID	4909

Product Images



The effect of anti-NT4 antibody on the neurite outgrowth of embryonic dorsal root ganglion promoted by NT4. The ED50 is approximately 3.6 µg/mL.