



Anti-Human NNT-1 (BCSF-3)

20150223ML



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	102-P244
Size:	100 µg
Lot. No.:	According to product label

Preparation: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hNNT-1/BCSF-3. Anti-Human NNT-1/BCSF-3 specific antibody was purified by affinity chromatography employing immobilized hNNT-1/BCSF-3 matrix.

Target Background

Synonyms (Target):	CLCF1; CLC; NR6; BSF3; NNT1; BSF-3; CISS2; NNT-1
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Cardiotrophin-like cytokine (CLC), also referred to as novel neurotrophin-1 (NNT-1) or B cell-stimulating factor-3 (BSF-3), is a member of the IL-6 family of structurally related cytokines that includes IL-6, CNTF, LIF, CT-1, IL-11 and OSM. CLC associates with the secreted soluble cytokine-like factor 1 (CLF-1), a member of the cytokine type I receptor family, to form the heteromeric composite cytokine CLC/CLF-1. CLC can also form an alternate composite cytokine with the soluble CNTF Ralpha.

Database References Target

Protein RefSeq:	NP_037378.1
Uniprot ID:	Q9UBD9
mRNA RefSeq:	NM_013246

Product Specifications

Species reactivity	Human
Clone/Ab feature	Rabbit IgG
Cross reactivity	Human
Host	Rabbit
Clonality	Polyclonal Antibody
Purification	Antigen-affinity purified
Immunogen	Recombinant Human NNT-1
Formulation	lyophilized from PBS
Reconstitution buffer	water

Reconstitution: Reconstitute the antibody in sterile water to a concentration of 0.1 - 1.0 mg/ml.

Stability: The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C.



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

Western Blot: To detect hNNT-1/BCSF-3 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNNT-1/BCSF-3 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

ELISA:

Indirect: To detect hNNT-1/BCSF-3 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNNT-1/BCSF-3.

Sandwich: To detect hNNT-1/BCSF-3 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with an appropriate secondary conjugated antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNNT-1/BCSF-3.

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!