

Anti-CCDC86 Antibody

Catalog Number: A10995-1

About CCDC86

CCDC86 (Coiled-coil domain-containing protein 86), also known as Cyclon (cytokine-induced protein with coiled-coil domain) is known for its expression in leukocytes in mice, where it regulates the immune response. Cyclon/CCDC86 regulates the apoptosis of T-cells upon activation, a process known as an activation-induced cellular death (AICD), by regulating the expression of the death receptor Fas on T-cells (PMID: 23439384). CCDC86 depletion led to a novel phenotype in which Ki-67 and nucleolin could still accumulate at the chromosome periphery but also formed abnormal cytoplasmic NDF-like foci (PMID: 36695333). The detected molecular weights (MWs) of Cyclon on SDS-PAGE (human Cyclon: 65 kDa; mouse Cyclon: 75 kDa) were higher than calculated MWs (human Cyclon: 40.2 kDa; mouse Cyclon: 46.5 kDa), suggesting possible modifications of Cyclon (PMID: 17300783).

Overview

Product Name	Anti-CCDC86 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CCDC86 Antibody catalog # A10995-1. Tested in WB, ICC/IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9H6F5

Technical Details

Immunogen	E.coli-derived human CCDC86 recombinant protein (Position: T3-A357).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunocytochemistry/Immunofluorescence, 1:50-400
ELISA, 1:100-1000

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Anti-CCDC86 Antibody

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