

Basic Information

Product Name	Anti-CD4 Antibody	
Gene Name	CD4	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	rat	
Tested Application	IHC, ELISA	
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.	
Immunogen	E.coli-derived rat Cd4 recombinant protein (Position: K28-A246).	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Dilution Ratios	Immunohistochemistry (IHC):	1:50-400
	ELISA:	1:100-1000
	(Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

This gene encodes the CD4 membrane glycoprotein of T lymphocytes. The CD4 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class II MHC molecules. The CD4 antigen is also a primary receptor for entry of the human immunodeficiency virus through interactions with the HIV Env gp120 subunit. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, granulocytes, as well as in various regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

Product datasheet

Anti-CD4 Antibody

Catalog Number: **A00344-3**

BOSTER[®]

antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY

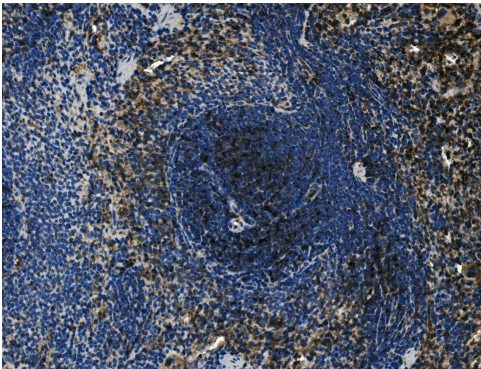
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com **Phone:** 027-67845390/1/2 **Email:** boster@boster.com

Reference

Anti-CD4 Antibody 被引用在5文献中。

Selected Validation Data



IHC analysis of CD4 using anti-CD4 antibody (A00344-3).

CD4 was detected in a paraffin-embedded section of rat spleen tissue. The tissue section was incubated with rabbit anti-CD4 Antibody (A00344-3) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.