

## Basic Information

<b>Product Name</b>	Anti-CD4 DyLight 488 Conjugated Antibody
<b>Gene Name</b>	CD4
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Species Reactivity</b>	mouse, rat
<b>Tested Application</b>	FCM
<b>Contents</b>	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
<b>Immunogen</b>	E.coli-derived rat CD4 recombinant protein (Position: K28-I457).
<b>fluorophores</b>	Amax=488nm; Emax=515-545nm
<b>Conjugate</b>	DyLight 488
<b>concentration</b>	500ug/ml
<b>Purification</b>	Immunogen affinity purified.
<b>Dilution Ratios</b>	Flow cytometry (FCM): 1-3 µg/1x10 <sup>6</sup> cells

## Storage

At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.

## Background Information

This gene encodes a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific 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.

## Selected Validation Data

Product datasheet

# Anti-CD4 DyLight 488 Conjugated Antibody

**Catalog Number: A00344-2-Dyl488**

# BOSTER

antibody and ELISA experts

**BOSTER BIOLOGICAL TECHNOLOGY**

Special NO.1, International Enterprise Center,  
2nd Guanshan Road, Wuhan, China

**Web:** [www.boster.com.cn](http://www.boster.com.cn) **Phone:** +86 027-67845390 **Fax:** +86 027-67845390 **Email:** [boster@boster.com.cn](mailto:boster@boster.com.cn)

暂无图片