

## Anti-Mouse CD8 alpha DyLight® 488 conjugated Antibody

Catalog Number: A02236-Dyl488

### About Cd8a

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. It is mapped to 2p11.2. The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigen displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene also encodes the CD8 alpha chain isoforms.

### Overview

Product Name	Anti-Mouse CD8 alpha DyLight® 488 conjugated Antibody
Reactive Species	Mouse
Description	Boster Bio Anti-Mouse CD8 alpha DyLight® 488 conjugated Antibody catalog # A02236-Dyl488. Tested in Flow Cytometry applications. This antibody reacts with Mouse.
Conjugate	DyLight®488
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P01731

### Technical Details

Immunogen	E. coli-derived mouse CD8 alpha recombinant protein (Position: K28-Y196).
Predicted Reactive Species	Human
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Flow Cytometry, 1-3ug/1x10<sup>6</sup> cells

## Anti-Mouse CD8 alpha DyLight® 488 conjugated Antibody (A02236-Dyl488) Images



Boster Kit Box

## 1 Publications Citing This Product

1. PubMed ID: 25308861, Myeloid differentiation factor 88 promotes cisplatin chemoresistance in ovarian cancer

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