

Product datasheet

PE Anti-CD8 beta antibody [H35-17.2] ab95772

[1 Image](#)

Overview

Product name	PE Anti-CD8 beta antibody [H35-17.2]
Description	PE Rat monoclonal [H35-17.2] to CD8 beta
Host species	Rat
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse CD8 beta. 5-day mixed leukocyte culture population, C57BL/6 anti-BALB/c
Positive control	Mouse splenocytes.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide
Purity	Protein G purified
Clonality	Monoclonal
Clone number	H35-17.2
Isotype	IgG2b
Light chain type	kappa

Applications

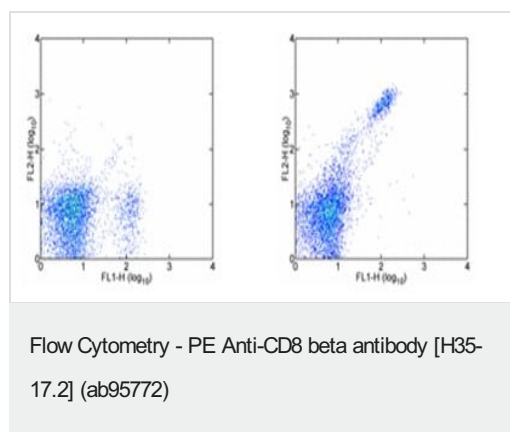
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab95772 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.06-0.125µg for 10 ⁵⁻⁸ cells.

Target

Function	Identifies cytotoxic/suppressor T-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of T-cell mediated killing.
Tissue specificity	Isoform 1, isoform 3, isoform 5, isoform 6, isoform 7 and isoform 8 are expressed in both thymus and peripheral CD8+ T-cells. Expression of isoform 1 is higher in thymus CD8+ T-cells than in peripheral CD8+ T-cells. Expression of isoform 6 is higher in peripheral CD8+ T-cells than in thymus CD8+ T-cells.
Sequence similarities	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Post-translational modifications	Phosphorylated as a consequence of T-cell activation.
Cellular localization	Secreted and Cell membrane.

Images



Staining of C57BL/6 splenocytes with Anti-Mouse CD8a FITC and 0.06 µg of Rat IgG2b ? Isotype Control PE (left) or ab95772 (right) by Flow Cytometry. Cells in the lymphocyte gate were used for analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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