

FITC Anti-H2-Ea antibody [M5/114.15.2] ab93561

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Overview

Product name	FITC Anti-H2-Ea antibody [M5/114.15.2]
Description	FITC Rat monoclonal [M5/114.15.2] to H2-Ea
Host species	Rat
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	ab93561 reacts with the mouse MHC Class II, both I-A and I-E subregion-encoded glycoproteins (I-Ab, I-Ad, I-Aq, I-Ed, I-Ek, not I-Af, I-Ak, or I-As). It detects a polymorphic determinant present on B cells, monocytes, macrophages, dendritic cells, and activated T lymphocytes from mice carrying the H-2b, H-2d, H-2q, H-2p, H-2r and H-2u but not from mice carrying the H-2s or H-2f haplotypes.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse H2-Ea.
Positive control	Flow cyt: Mouse C57Bl/6 splenocytes
General notes	<p>The M5/114.15.2 antibody is reported to inhibit I-A-restricted T cell responses of the H-2b, H-2d, H-2q, H-2u but not H-2f, H-2k, or H-2s haplotypes.</p> <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 Constituents: 0.87% Sodium chloride, 0.16% Sodium phosphate, 0.1% Gelatin
Purity	Protein G purified

Primary antibody notes	The M5/114.15.2 antibody is reported to inhibit I-A-restricted T cell responses of the H-2b, H-2d, H-2q, H-2u but not H-2f, H-2k, or H-2s haplotypes.
Clonality	Monoclonal
Clone number	M5/114.15.2
Isotype	IgG2b
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab93561 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

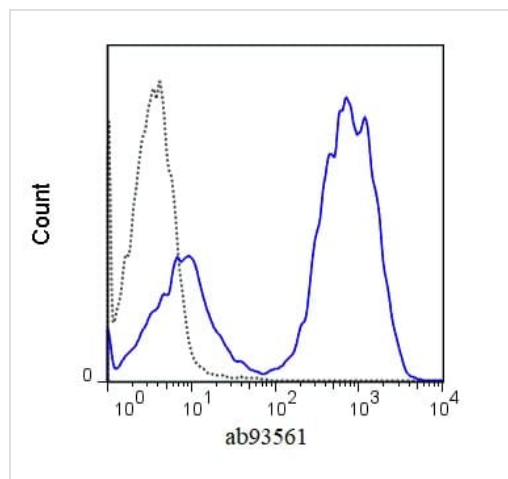
Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration.

Target

Relevance The MHC Class II IA + IE molecules are expressed on antigen presenting cells (including B cells) and a subset of T cells from H-2 b, d, q, r bearing mice and are involved in antigen presentation to T cells expressing CD3/TCR and CD4 proteins.

Cellular localization Single-pass type I membrane protein

Images



Flow cytometric analysis of mouse C57Bl/6 splenocytes labeling H2-Ea using ab93561 (0.25 µg) (Solid line) as compared to a FITC Rat IgG2b isotype control (0.25 µg) (Dashed line).

Flow Cytometry - FITC Anti-H2-Ea antibody
[M5/114.15.2] (ab93561)

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