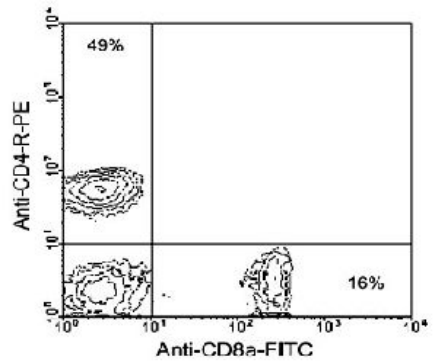
Cd8a monoclonal antibody, clone 53-6.7 (PE/Cy7)

Catalog # MAB6112 Size 100 ug

Applications



Flow Cytometry

Cells from BALB/c mesenteric lymph nodes were double-stained with Cd8a monoclonal antibody, clone 53-6.7 (FITC) (Cat # MAB6105) and Cd4 monoclonal antibody, clone GK1.5-PE, gated on small lymphocytes and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against native Cd8a.
Immunogen	Native purified from mouse thymus/spleen cells.
Host	Rat
Reactivity	Mouse
Specificity	Specificity alpha chain of the murine CD8 heterodimer, Mr 32-34 KDa
Form	Liquid
Conjugation	PE/Cy7
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (0.2 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

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Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

  Cells from BALB/c mesenteric lymph nodes were double-stained with Cd8a monoclonal antibody, clone 53-6.7 (FITC) (Cat # MAB6105) and Cd4 monoclonal antibody, clone GK1.5-PE, gated on small lymphocytes and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Gene Info — Cd8a

Entrez GeneID	12525
Gene Name	Cd8a
Gene Alias	BB154331, Ly-2, Ly-35, Ly-B, Lyt-2
Gene Description	CD8 antigen, alpha chain
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Lyt-2.1 lymphocyte differentiation antigen (AA at 100)

Publication Reference

- Extrathymic differentiation of intraepithelial lymphocytes: generation of a separate and unequal T-cell repertoire?

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- Phenotypic complexity of intraepithelial lymphocytes of the small intestine.

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  Journal of Immunology 1991 Sep; 147(6):1746.

- The Lyt-2, Lyt-3 macromolecules: structural and functional studies.

  Ledbetter JA, Seaman WE.

  Immunological Reviews 1982 Jan; 68:197.

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