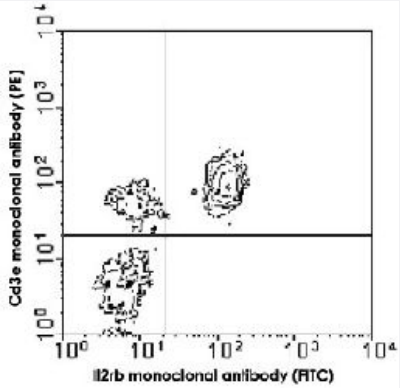
Il2rb monoclonal antibody, clone 5H4 (Biotin)

Catalog # MAB5808 Size 500 ug

Applications



Flow Cytometry

BALB/c lymph node cells were double stained with Cd3e monoclonal antibody, clone C363.29B (PE) (Cat # MAB6102) and Il2rb monoclonal antibody, clone 5H4 (FITC) (Cat # MAB5807). Small lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against Il2rb.
Immunogen	Rat myeloma YB2/0 transfected with truncated mouse IL-2RB cDNA.
Host	Rat
Reactivity	Mouse
Specificity	beta chain (Mr 90-100 KDa) of the IL-2 receptor.
Form	Liquid
Conjugation	Biotin
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (1 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

- Flow Cytometry

  BALB/c lymph node cells were double stained with Cd3e monoclonal antibody, clone C363.29B (PE) (Cat # MAB6102) and Il2rb monoclonal antibody, clone 5H4 (FITC) (Cat # MAB5807). Small lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

- Immunoprecipitation

Gene Info — Il2rb

Entrez GeneID	16185
Gene Name	Il2rb
Gene Alias	CD122, IL-15Rbeta, IL15Rbeta, Il-2/15Rbeta, Il-2Rbeta, MGC118674, p70
Gene Description	interleukin 2 receptor, beta chain
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	IL-15 receptor beta chain|IL-2 receptor beta chain|IL-2/15 receptor-beta

Publication Reference

- Biochemical identity and characterization of the mouse interleukin-2 receptor beta and gamma c subunits.

  Malek TR, Furse RK, Fleming ML, Fadell AJ, He YW.

  Journal of Interferon & Cytokine Research: the Official Journal of the International Society for Int 1995 May; 15(5):447.

  Application: Flow Cyt, Mouse , Mouse EL4 cells

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- The IL-2 receptor complex: its structure, function, and target genes.

  Minami Y, Kono T, Miyazaki T, Taniguchi T.

  Annual Review of Immunology 1993 Apr; 11:245.

- A novel monoclonal antibody against murine IL-2 receptor beta-chain. Characterization of receptor expression in normal lymphoid cells and EL-4 cells.

  Tanaka T, Tsudo M, Karasuyama H, Kitamura F, Kono T, Hatakeyama M, Taniguchi T, Miyasaka M.

  Journal of Immunology 1991 Oct; 147(7):2222.

  Application: Flow Cyt, Mouse, Mouse spleen cells

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