

Datasheet

Il2rb monoclonal antibody, clone 5H4 (FITC)

Catalog Number: MAB5807

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against Il2rb.

Clone Name: 5H4

Immunogen: Rat myeloma YB2/0 transfected with truncated mouse IL-2RB cDNA.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, IP
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: beta chain (Mr 90-100 KDa) of the IL-2 receptor.

Form: Liquid

Conjugation: FITC

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry (1 ug/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 16185

Gene Symbol: Il2rb

Gene Alias: CD122, IL-15Rbeta, IL15Rbeta, IL-2/15Rbeta, IL-2Rbeta, MGC118674, p70

References:

1. 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. J Interferon Cytokine Res. 1995 May;15(5):447-54.
2. The IL-2 receptor complex: its structure, function, and target genes. Minami Y, Kono T, Miyazaki T, Taniguchi T. Annu Rev Immunol. 1993;11:245-68.
3. 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. J Immunol. 1991 Oct 1;147(7):2222-8.