

Datasheet

Il2ra monoclonal antibody, clone 7D4 (PE/Cy7)

Catalog Number: MAB5708

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against Il2ra.

Clone Name: 7D4

Immunogen: IL-2-dependent BALB/c mouse helper T-cell clone HT-2.

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: Low affinity alpha chain IL-2 receptor (IL-2Ralpha), Mr 55 KDa.

Form: Liquid

Conjugation: PE/Cy7

Isotype: IgM, kappa

Recommend Usage: Flow Cytometry (0.2 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: 16184

Gene Symbol: Il2ra

Gene Alias: CD25, Il2r, Ly-43, MGC130561

References:

1. Molecular cloning and expression of cDNAs for the human interleukin-2 receptor. Leonard WJ, Depper JM, Crabtree GR, Rudikoff S, Pumphrey J, Robb RJ, Kronke M, Svetlik PB, Peffer NJ, Waldmann TA, et al.. *Nature*. 1984 Oct 18-24;311(5987):626-31.
2. The murine IL 2 receptor. I. Monoclonal antibodies that define distinct functional epitopes on activated T cells and react with activated B cells. Ortega G, Robb RJ, Shevach EM, Malek TR. *J Immunol*. 1984 Oct;133(4):1970-5.
3. Identification and initial characterization of a rat monoclonal antibody reactive with the murine interleukin 2 receptor-ligand complex. Malek TR, Robb RJ, Shevach EM. *Proc Natl Acad Sci U S A*. 1983 Sep;80(18):5694-8.