

## Datasheet

### Il2ra monoclonal antibody, clone 7D4 (FITC)

**Catalog Number:** MAB5703

**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:** FITC

**Isotype:** IgM, kappa

**Recommend Usage:** Flow Cytometry (1 ug/10<sup>6</sup> 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.