

## Datasheet

### THY1 monoclonal antibody, clone F15-42-1

**Catalog Number:** MAB2525

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against native THY1.

**Clone Name:** F15-42-1

**Immunogen:** Native purified human THY1.

**Host:** Mouse

**Reactivity:** Human, Rat

**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:** This antibody recognizes the human CD90 cell surface antigen, a 25kD glycoprotein homologous to rat Thy1.

**Form:** Liquid

**Isotype:** IgG1

**Recommend Usage:** Flow cytometry (10ul of the suggested working dilution 1:10-1:50 to label 10<sup>6</sup> cells in 100ul)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.4 (0.09% sodium azide)

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 7070

**Gene Symbol:** THY1

**Gene Alias:** CD90, FLJ33325

#### References:

1. Upgrading of flow cytometric analysis for absolute counts, cytokines and other antigenic molecules of cynomolgus monkeys (*Macaca fascicularis*) by using anti-human cross-reactive antibodies. Yoshino N, Ami Y, Terao K, Tashiro F, Honda M. *Exp Anim.* 2000 Apr;49(2):97-110.
2. Demonstration with monoclonal antibodies of an unusual mononuclear cell infiltrate and loss of normal epithelial membrane antigens in human breast carcinomas. Daar AS, Fabre JW. *Lancet.* 1981 Aug 29;2(8244):434-8.
3. Human thy-1: unusual localization and possible functional significance in lymphoid tissues. McKenzie JL, Fabre JW. *J Immunol.* 1981 Mar;126(3):843-50.