

## Datasheet

### Thy1 monoclonal antibody, clone G7 (APC)

**Catalog Number:** MAB5956

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

**Product Description:** Rat monoclonal antibody raised against Thy1.

**Clone Name:** G7

**Immunogen:** MST cell hybridoma C6/G8.

**Host:** Rat

**Reactivity:** Mouse

**Applications:** Flow Cyt, ICC  
(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:** Specificity Thy-1.1 and Thy-1.2 alloantigens (Thy-1 epitope region A)

**Form:** Liquid

**Conjugation:** APC

**Isotype:** IgG2c, kappa

**Recommend Usage:** Flow Cytometry (0.2 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:** 21838

**Gene Symbol:** Thy1

**Gene Alias:** CD90, T25, Thy-1, Thy-1.2, Thy1.1, Thy1.2

#### References:

1. Thy-1 triggers mouse thymocyte apoptosis through a bcl-2-resistant mechanism. Hueber AO, Raposo G, Pierres M, He HT. J Exp Med. 1994 Mar 1;179(3):785-96.
2. Activation-driven T cell death. II. Quantitative differences alone distinguish stimuli triggering nontransformed T cell proliferation or death. Ucker DS, Meyers J, Obermiller PS. J Immunol. 1992 Sep 1;149(5):1583-92.
3. Thy-1 supports adhesion of mouse thymocytes to thymic epithelial cells through a Ca<sup>2+</sup>(+)-independent mechanism. He HT, Naquet P, Caillol D, Pierres M. J Exp Med. 1991 Feb 1;173(2):515-8.