

## Product datasheet for **TA320475**

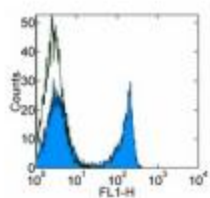
### Thy1 Rat Monoclonal Antibody [Clone ID: G7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	G7
Applications:	FC
Recommended Dilution:	Flow, IHC, Functional Assay
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	thymus cell antigen 1, theta
Database Link:	<a href="#">NP_033408</a> <a href="#">Entrez Gene 21838 Mouse P01831</a>
Background:	The G7 monoclonal antibody reacts with mouse CD90 also known as Thy-1, a GPI-linked membrane molecule. CD90 is expressed by early hematopoietic cells in the bone marrow, thymocytes and mature T cells as well as neurons. CD90 is involved in regulation of adhesion and signal transduction by T cells. G7 is reported to induce TCR-mediated proliferation of T cell and apoptosis of thymocytes.
Synonyms:	CD90; CDw90; FLJ33325



[View online »](#)

**Product images:**

Staining of C57BL/6 splenocytes with 0.06 ug of Rat IgG1 kappa Isotype Control Purified (open histogram) or 0.06 ug of Anti-Mouse CD90 (Thy-1) Purified (filled histogram) followed by Anti-Rat IgG FITC. Total viable cells were used for analysis.