



10451 ROSELLE STREET, #300, SAN DIEGO, CA 92121
TELEPHONE (858) 642-1988 • FAX (858) 642-1989
WWW.ATSBIO.COM • ATS@ATSBIO.COM

Antibody to Mouse CD90 Thy-1
RAT MONOCLONAL

Catalog Number: AB-432
Quantity: 500 micrograms
Format: Lyophilized
Host: Rat
Isotype: IgG1
Clone: mThy-1
Immunogen: Purified mouse LN T cells

Background:

CD-90 plays a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain. Thy-1 is the designation for a major cell surface glycoprotein characteristic to T cells. The Thy-1 glycoproteins are constituents of thymocytes and neurons and probably are involved in cell-cell interactions. Human Thy-1 homolog maps to chromosome 11 because that is where T3D is found, in the mouse T3D and Thy-1 map to chromosome 9 along with certain other loci that are on human 11q.

Specificity and Preparation:

Rat Anti-Mouse CD90 Thy-1 is purified by ion exchange column. Protein concentration is 1 mg/ml in PBS (after reconstitution).

Usage and Storage:

Applications include cytotoxic and staining antibody. For staining, use 10 μ l/10⁶ cells. This antibody is extremely efficient for killing *in vivo*. Exact titer for cytotoxicity should be determined by the investigator.

Reconstitute with H₂O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

Store lyophilized material at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Material is stable for two years lyophilized, one month in solution at 4°C.