

Product Data Sheet

Cat # AB-14110

Rat Anti-Mouse CD90 Thy-1.2 IgG

**Size:** 100ug

**Synonyms:**

CD-90, CD90, THY-1, THY1, Theta Antigen

**Type:**

Rat Anti Mouse Monoclonal

**Introduction:**

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. Cytotoxic and staining antibody. For staining, use 10  $\mu$ l/10<sup>6</sup> cells. Exact titer for cytotoxicity should be determined by the investigator.

**Immunogen:**

Purified mouse LN T cells

**Ig Subclass:**

Rat IgM; purified by boric acid precipitation; 1mg/mL in PBS after reconstitution; Reconstitute with of H<sub>2</sub>O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

**Storage Procedures:**

Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Two years lyophilized, one month in solution at 4°C.

**Available Conjugates:**

This antibody is only available as purified antibody

**Usage:**

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals. If supplied in powder then reconstitute it in 100  $\mu$ l water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage..

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