

Product Data Sheet

Cat # AB-14010

Rat Anti-Mouse CD90 Thy-1.1 IgG

Size: 100 ug

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.

Clone: mThy-1.1

Immunogen: Purified mouse LN T cells

Ig Subclass: Rat IgM

Purification Method: boric acid precipitation

Protein concentration: 1mg/ml in PBS (after reconstitution)

Storage Procedures:

Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

Reconstitution:

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

Stability / Shelf Life:

Two years lyophilized, one month in solution at 4°C.

Antibody Properties:

Cytotoxic and staining antibody. For staining, use 10 µl/10⁶ cells. Exact titer for cytotoxicity should be determined by the investigator.

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 µl 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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