THY1 monoclonal antibody, clone F15-42-1

Catalog # MAB2525 Size 200 ug

Specification

Product Description	Mouse monoclonal antibody raised against native THY1.
Immunogen	Native purified human THY1.
Host	Mouse
Reactivity	Human, Rat
Specificity	This antibody recognizes the human CD90 cell surface antigen, a 25kD glycoprotein homologous to r at Thy1.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	Flow cytometry (10ul of the suggested working dilution 1:10-1:50 to label 10^6 cells in 100ul) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry
- Immunoprecipitation

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Gene Info — THY1

Entrez GeneID	7070
Gene Name	THY1
Gene Alias	CD90, FLJ33325
Gene Description	Thy-1 cell surface antigen
Omim ID	188230
Gene Ontology	Hyperlink
Other Designations	Thy-1 T-cell antigen|Thy-1 membrane glycoprotein

Publication Reference

- Upgrading of flow cytometric analysis for absolute counts, cytokines and other antigenic molecules of cynomolgus monkeys (Macaca fascicularis) by using anti-human cross-reactive antibodies.

  Yoshino N, Ami Y, Terao K, Tashiro F, Honda M.

  Experimental Animals 2000 Apr; 49(2):97.

  Application: Flow Cyt, Monkey, Lymphocytes

- Demonstration with monoclonal antibodies of an unusual mononuclear cell infiltrate and loss of normal epithelial membrane antigens in human breast carcinomas.

  Daar AS, Fabre JW.

  Lancet (London, England) 1981 Aug; 2(8244):434.

  Application: AFC, IF, IHC-Fr, Human, Human breast carcinoma

- Human thy-1: unusual localization and possible functional significance in lymphoid tissues.

  McKenzie JL, Fabre JW.

  Journal of Immunology 1981 Mar; 126(3):843.

  Application: AFC, Flow Cyt, IA, IF, IHC-Fr, Human, Human lymph node, Human spleen, Human thymocytes, Human thymus, Purified proteins

Pathway

- Leukocyte transendothelial migration

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Disease

- Celiac Disease
- Genetic Predisposition to Disease

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