CD90 抗体

产品货号： mlR20640

英文名称： CD90

中文名称： CD90 抗体

别　　名： CD90 / Thy1; CD7; CD90 antigen; CDw90; FLJ33325; MGC128895; T25; Theta antigen; Thy-1; Thy 1; Thy 1 cell surface antigen; Thy 1 membrane glycoprotein; Thy 1 membrane glycoprotein precursor; Thy 1.2; Thy-1 T-cell antigen; Thy1 antigen; Thy1 T cell antigen; Thy1.1; Thy1.2; Thymus cell antigen 1, theta; THY1_RAT; THY1_HUMAN.

研究领域： 细胞生物　免疫学　神经生物学　t-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应　： Human, Mouse, Rat,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500（石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 12kDa

细胞定位： 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human CD90:20-100/161 <Extracellular>

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : Thy-1 or CD90 (Cluster of Differentiation 90) is a 25–37 kDa heavily N-glycosylated, glycophosphatidylinositol (GPI) anchored conserved cell surface protein with a single V-like immunoglobulin domain, originally discovered as a thymocyte antigen. Thy-1can be used as a marker for a variety of stem cells and for the axonal processes of mature neurons. Structural study of Thy-1 lead to the foundation of the Immunoglobulin superfamily, of which it is the smallest member, and led to some of the initial biochemical description and characterization of a vertebrate GPI anchor and also the first demonstration of tissue specific differential glycosylation.

Function:

May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain.

Subcellular Location:

Cell membrane; Lipid-anchor, GPI-anchor.

Tissue Specificity:

Abundant in lymphoid tissues.

Post-translational modifications:

Glycosylation is tissue specific. Sialylation of N-glycans at Asn-93 in brain and at Asn-42, Asn-93 and Asn-117 in thymus.

Similarity:

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

SWISS:

P04216

Gene ID:

7070

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Thy1/CD90 主要表达于脑和淋巴组织，包括胸腺细胞、外周血液 T 细胞和一些上皮内层 T 细胞。

Thy-1 是一种糖基磷酸酯酰醇（GPI）固定的表面糖蛋白，Thy-1 在 T 细胞激活、神经系统发育及其发挥功能、细胞程序性死亡等方面发挥作用。

产品图片