

半乳糖凝集素 1 抗体

产品货号 : mlR10629

英文名称 : Galectin-1

中文名称 : 半乳糖凝集素 1 抗体

别名 : 14 kDa laminin-binding protein; 14 kDa lectin; Beta galactoside binding lectin; Beta galactoside binding lectin L 14 I; beta galactoside binding protein; Beta-galactoside-binding lectin L-14-I; Gal 1; Gal-1; Galaptin; Galbp; Galectin; Galectin1; GBP; HBL; HLBP14; HPL; L 14.5; L-14.5; L14; Lactose binding lectin 1; Lactose-binding lectin 1; Lect14; Lectin galactoside binding soluble 1;Lectin galactoside-binding soluble 1; LEG1_HUMAN; LGALS 1; LGALS1; Lgals1 lectin galactose binding soluble 1; MAPK activating protein MP12; Putative MAPK activating protein MP12; Putative MAPK-activating protein PM12; S Lac lectin 1; S-Lac lectin 1.

研究领域 : 细胞生物 免疫学 信号转导 细胞凋亡 生长因子和激素 内分泌病

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Pig,

产品应用 : WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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 : 15kDa

细胞定位 : 分泌型蛋白

性状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human Galectin-1:21-100/135

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 : The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq, Jul 2008].

Function:

May regulate apoptosis, cell proliferation and cell differentiation. Binds beta-galactoside and a wide array of complex carbohydrates. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase.

Subunit:

Homodimer. Binds LGALS3BP. Interacts with CD2, CD3, CD4, CD7, CD43 and CD45. Interacts with laminin (via poly-N-acetyllactosamine).

Subcellular Location:

Secreted, extracellular space, extracellular matrix.

Tissue Specificity:

Expressed in placenta, maternal decidua and fetal membranes. Within placenta, expressed in trophoblasts, stromal cells, villous endothelium, syncytiotrophoblast apical membrane and villous stroma. Within fetal membranes, expressed in amnion, chorioamniotic mesenchyma and chorion (at protein level). Expressed in cardiac, smooth, and skeletal muscle, neurons, thymus, kidney and hematopoietic cells.

Similarity:

Contains 1 galectin domain.

SWISS:

P09382

Gene ID:

3956

Important Note:

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

产品图片

