

半乳糖凝集素 12 抗体

产品货号： mlR8413

英文名称： Galectin 12

中文名称： 半乳糖凝集素 12 抗体

别名： Galectin related inhibitor of proliferation; galectin-12; GRIP1; Lectin galactoside binding soluble 12 (galectin 12); LEG12_HUMAN.

研究领域： 心血管 细胞生物 免疫学 糖尿病

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 Flow-Cyt=1ug/test IF=1:50-200 (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：38kDa

细胞定位：细胞核

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human Galectin 12/LGALS12:101-200/336

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： Galectin-12, also designated galectin-related inhibitor of proliferation 1 in mouse, is a 314 amino acid protein encoded by the human gene LGALS12. Galectin-12 is a member of the galectin family consisting of b-galactoside-binding proteins with conserved carbohydrate recognition domains. Galectin-12 binds lactose and may participate in the apoptosis of adipocytes. This protein is preferentially expressed in peripheral blood leukocytes and adipocytes. Galectin-12 is induced by cell cycle block at the G1 phase and causes G1 arrest when overexpressed. The galectin-12 gene is expressed in mouse preadipocytes and is upregulated when preadipocytes undergo cell cycle arrest, concomitant with acquisition of the competence to undergo differentiation in response to adipogenic hormone stimulation. Galectin-12 is an adipocyte-expressed protein which is downregulated by various insulin resistance-inducing hormones. As a result, galectin-12 may play a role in the pathogenesis of insulin resistance.

Function:

Binds lactose. May participate in the apoptosis of adipocytes.

Subcellular Location:

Nucleus.

Tissue Specificity:

Not widely expressed. Predominantly expressed in adipose tissue.

Similarity:

Contains 2 galectin domains.

SWISS:

Q96DT0

Gene ID:

85329

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

