

白细胞衍生化学吸引素抗体

产品货号： mlR7516

英文名称： LECT1

中文名称： 白细胞衍生化学吸引素抗体

别名： Chondromodulin I; BRICD3; BRICHOS domain containing 3; CHM I; CHM1; chondromodulin; Chondrosurfactant protein; LECT 1; Leukocyte cell derived chemotaxin 1; LECT1_HUMAN.

研究领域： 肿瘤 心血管 细胞生物 免疫学 细胞周期蛋白 细胞骨架 细胞外基质

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Rabbit, Guinea 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：14kDa

细胞定位：细胞膜 分泌型蛋白

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human LECT1:231-334/334

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 LECT1 gene encodes a glycosylated transmembrane protein which is cleaved to form a mature, secreted protein. The N terminus of the precursor protein shares characteristics with other surfactant

proteins and is sometimes called chondrosurfactant protein, although no biological activity has yet been defined for it. The C terminus of the precursor protein contains a 25 kDa mature protein called leukocyte cell derived chondromodulin 1 or chemotaxin 1. The mature protein inhibits angiogenesis and promotes chondrocyte growth. This gene is expressed in the avascular zone of prehypertrophic cartilage and its expression decreases during chondrocyte hypertrophy and vascular invasion. The mature protein likely plays a role in endochondral bone development by permitting cartilaginous anlagen to be vascularized and replaced by bone. It may be involved also in the broad control of tissue vascularization during development. Alternative splicing results in multiple transcript variants encoding different isoforms.

Function:

Bifunctional growth regulator that stimulates the growth of cultured chondrocytes in the presence of basic fibroblast growth factor (FGF) but inhibits the growth of cultured vascular endothelial cells. May contribute to the rapid growth of cartilage and vascular invasion prior to the replacement of cartilage by bone during endochondral bone development.

Subcellular Location:

Chondromodulin-1: Secreted. Note=Accumulated in the inter-territorial matrix of cartilage. Chondrosurfactant protein: Endomembrane system; Single-pass membrane protein (Potential).

Tissue Specificity:

Cartilage specific. Weakly expressed in chondrosarcoma.

Similarity:

Belongs to the chondromodulin-1 family.

Contains 1 BRICHOS domain.

SWISS:

O75829

Gene ID:

11061

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

