

嗜乳脂蛋白样 2 抗体

产品货号： mlR8431

英文名称： BTNL2

中文名称： 嗜乳脂蛋白样 2 抗体

别名： SS2; BTL-II; Btnl2; BTNL2_HUMAN; Butyrophilin like 2 (MHC class II associated); Butyrophilin-like protein 2; DAAP-282D22.2; HSBLMHC1.

研究领域： 细胞生物 免疫学 淋巴细胞 t-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Sheep,

产品应用： WB=1:500-2000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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 : 50kDa

细胞定位 : 细胞浆 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human BTNL2:24-120/455 <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 : Butyrophilin is a glycoprotein that is specifically expressed on the apical surface of mammary epithelial cells during lactation and becomes incorporated as an integral protein into the membrane of the milk fat globule during the budding and secretion of fat droplets into milk. BTNL2 (butyrophilin-like protein 2), also known as BTL-II, is a 455 amino acid single-pass type II membrane protein that acts as a negative regulator of T cell proliferation. Expressed in thymus, brain, kidney, heart, liver, small intestine, testis, ovary, pancreas and leukocytes, BTNL2 exists as at least six alternatively spliced isoforms, which are encoded by a gene located on human chromosome 6. Expression of BTNL2 isoform 3 is associated with susceptibility to sarcoidosis type 2 (SS2), an immune disorder that causes chronic inflammatory granulomatous lesions.

Function:

Negative regulator of T-cell proliferation.

Subcellular Location:

Membrane; Single-pass type II membrane.protein. Note=Isoform 2 is present in the nuclear, vesicle and.plasma membranes, isoform 3 is found in cytoplasmic vesicle.structures and is not membrane bound.

Tissue Specificity:

Expressed in brain, heart, kidney, liver, pancreas, ovary, leukocyte, small intestine, testis and thymus..

DISEASE:

Genetic variation in BTNL2 is a cause of susceptibility to sarcoidosis type 2 (SS2) [MIM:612387]. Sarcoidosis is an idiopathic, systemic, inflammatory disease characterized by the formation of immune granulomas in involved organs. Granulomas predominantly invade the lungs and the lymphatic system, but also skin, liver, spleen, eyes and other organs may be involved. Note=A nucleotide transition affecting a splice donor site results in the use of an alternative splice site and the production of isoform 3. Individuals expressing isoform 3 have a higher risk for sarcoidosis.

Similarity:

Belongs to the immunoglobulin superfamily. BTN/MOG family.

Contains 3 Ig-like V-type (immunoglobulin-like) domains.

SWISS:

Q9UIR0

Gene ID:

56244

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

