

骨髓基质干细胞抗原 1 抗体

产品货号： mlR6023

英文名称： BST1

中文名称： 骨髓基质干细胞抗原 1 抗体

别名： Cyclic ADP ribose hydrolase 2; ADP ribosyl cyclase 2; Bone marrow stromal antigen 1; Bone marrow stromal cell antigen 1; BST 1; BST1; BST-1; cADPr hydrolase 2; CD157; CD157 antigen; NAD(+) nucleosidase; BST1_HUMAN.

研究领域： 细胞生物 免疫学 信号转导 干细胞 b-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 ELISA=1:500-1000 Flow-Cyt=1 μ g/Test

not yet tested in other applications.

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

分子量：33kDa

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 BST1/CD157:51-150/318

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：Bone marrow stromal cell antigen 1 (BST1) is a pleiotropic ectoenzyme which belongs to the CD38 family and to the growing number of leukocyte surface molecules known to act independently as both receptors

and enzymes. The BST1 molecule displays two distinct domains in its extracellular component. The first is implicated in the enzymic activities of the molecule (it synthesizes cyclic ADP-ribose, a second messenger that elicits calcium release from intracellular stores) and the second domain has adhesion/signalling properties.

Bone marrow stromal cell antigen 1 facilitates pre-B-cell growth. The deduced amino acid sequence exhibits 33% similarity with CD38. BST1 expression is enhanced in bone marrow stromal cell lines derived from patients with rheumatoid arthritis. The polyclonal B-cell abnormalities in rheumatoid arthritis may be, at least in part, attributed to BST1 overexpression in the stromal cell population.

Function:

Synthesizes cyclic ADP-ribose, a second messenger that elicits calcium release from intracellular stores. May be involved in pre-B-cell growth.

Subunit:

Homodimer.

Subcellular Location:

Cell membrane; Lipid-anchor, GPI-anchor.

Tissue Specificity:

Widely expressed.

Similarity:

Belongs to the ADP-ribosyl cyclase family.

SWISS:

Q10588

Gene ID:

683

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

