

核自身抗原 SP140 抗体

产品货号： mlR17138

英文名称： SP140

中文名称： 核自身抗原 SP140 抗体

别名： LY10_HUMAN; Lymphoid restricted homolog of Sp100; Lymphoid specific SP100 homolog; Lymphoid-restricted homolog of Sp100; LYSP100 A; LYSp100; LYSP100 B; LYSp100 protein; LYSP100-A; LYSP100-B; LYSP100A; LYSP100B; MGC126440; Nuclear antigen Sp140; Nuclear autoantigen Sp-140; Nuclear autoantigen Sp140; Nuclear body protein SP140; SP140; SP140 nuclear body protein; SP140 PEN; Speckled 140 kDa.

研究领域： 细胞生物 染色质和核信号 转录调节因子 淋巴细胞 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Dog,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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： 20kDa

细胞定位： 细胞核 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human SP140:221-320/867

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 : SP140 is an 867 amino acid cytoplasmic and nuclear protein that is highly expressed in spleen and peripheral blood leukocytes. SP140 is a component of the nuclear body that may be involved in trafficking between the nucleus and the cytoplasm. SP140 is induced by interferons and contains a bromo domain, a HSR domain, a PHD-type zinc finger and a SAND domain. It is thought that SP140 may participate in the pathogenesis of acute promyelocytic leukemia and viral infection. SP140 is expressed as three isoforms produced by alternative splicing and are designated isoform LYSp100-A, isoform LYSp100-B and isoform SP140.

Function:

Component of the nuclear body, also known as nuclear domain 10, PML oncogenic domain, and KR body. May be involved in the pathogenesis of acute promyelocytic leukemia and viral infection.

Subunit:

Interacts with PIN1.

Subcellular Location:

Nucleus. Cytoplasm. Localized to nuclear structures termed LANDS, for LYSp100-associated nuclear domains. LANDS are globular, electron-dense structures most often found in the nucleoplasm, but also found at the nuclear membrane and in the cytoplasm, suggesting that these structures may traffic between the cytoplasm and the nucleus.

Tissue Specificity:

High levels in spleen and peripheral blood leukocytes, much lower levels in thymus, prostate, ovary, small intestine, and colon. Very low levels in heart, brain, placenta, lung, liver, skeletal muscle, kidney, and pancreas.

Similarity:

Contains 1 bromo domain.

Contains 1 HSR domain.

Contains 1 PHD-type zinc finger.

Contains 1 SAND domain.

SWISS:

Q13342

Gene ID:

11262

Important Note:

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