abcam

Product datasheet

Anti-SP100 antibody ab58206

1 References　1 图像

概述

产品名称	Anti-SP100抗体
描述	**小鼠单克隆抗体**to SP100
宿主	Mouse
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
免疫原	Recombinant fragment: MAGGGGDLST RRLNECISPV ANEMNHLPAH SHDLQRMFTE DQGVDDRLLY DIVFKHFKRN KVEISNAIKK TFPFLEGLRD RDLITNKMFE DSQDSCRN, corresponding to amino acids 1-99 of Human SP100 Run BLAST with ExPASy　Run BLAST with NCBI

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee　Abpromise™承诺保证使用ab58206于以下的经测试应用

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明

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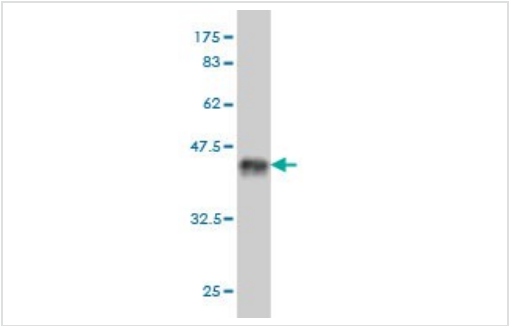
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

靶标

功能	May play a role in the control of gene expression.
组织特异性	Widely expressed. Sp100-B is expressed only in spleen, tonsil, thymus, mature B-cell line and some T-cell line, but not in brain, liver, muscle or non-lymphoid cell lines.
序列相似性	Contains 2 HMG box DNA-binding domains. Contains 1 HSR domain. Contains 1 SAND domain.
结构域	The HSR domain is important for the nuclear body targeting as well as for the dimerization. Contains one Pro-Xaa-Val-Xaa-Leu (PxVxL) motif, which is required for interaction with chromoshadow domains. This motif requires additional residues -7, -6, +4 and +5 of the central Val which contact the chromoshadow domain.
翻译后修饰	Sumoylated. Sumoylation depends on a functional nuclear localization signal but is not necessary for nuclear import or nuclear body targeting.
细胞定位	Nucleus > PML body. Found in the nuclear body, also known as nuclear domain 10 (ND10), PML oncogenic domain (POD), nuclear dots (ND) and KR body. The nuclear body is a nucleoplasmic structure of punctate shape, which varies in size and number. Induction by interferon and may be cell cycle stages modulate the subnuclear localization of the isoforms.

图片



Western blot - Anti-SP100 antibody (ab58206)

Western blot against tagged recombinant protein immunogen using ab58206 SP100 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa

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