

## 产品概述

产品名 ( Product Name )	S100 (PT0234) mouse Monoclonal Antibody
货号 ( Catalog No. )	ATA37192
种类 ( Category )	Primary antibodies
宿主 ( Host )	Mouse/IgG1, Kappa
反应种属 ( Species specificity )	Human
应用实验 ( Tested applications )	IHC-p
克隆性 ( Clonality )	Monoclonal
偶连物 ( Conjugation )	Unconjugated
免疫原 ( Immunogen )	Synthesized peptide derived from human S100

## 产品性能

状态 ( Form )	Liquid
储存溶液 ( Buffer )	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
存放条件 ( Storage )	-20°C/1 year
纯化方式 ( Purity )	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

## 应用

IHC-p 1:100-500

## 产品背景

S100 calcium binding protein A1(S100A1) Homo sapiens The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca<sup>2+</sup>-induced Ca<sup>2+</sup> release, inhibition of microtubule assembly, and inhibition of protein kinase C-mediated phosphorylation. Reduced expression of this protein has been implicated in cardiomyopathies. [provided by RefSeq, Jul 2008],