

产品概述

产品名 (Product Name)	Anti S100 β mouse monoclonal antibody
货号 (Catalog No.)	ATMA10061Mo
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	Homo sapiens (Human)
应用实验 (Tested applications)	Elisa, IHC
克隆性 (Clonality)	Monoclonal
克隆编号 (Clone No.)	148-C-11
偶连物 (Conjugation)	Unconjugate
免疫原 (Immunogen)	Recombinant protein of full length of human S100 β
别名	S-100 protein beta chain; S100 calcium-binding protein B
Uniprot ID	P04271

产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.33mg/ml
亚型 (Isotype)	IgG1
分子量 (MW)	11 kDa
纯化方式 (Purity)	Protein G purified from mice ascites

应用

Elisa: 1:1000~5000, IHC: 1:50~100

产品背景

Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites. Binds to and initiates the activation of STK38 by releasing autoinhibitory intramolecular interactions within the kinase. Interaction with AGER after myocardial infarction may play a role in myocyte apoptosis by activating ERK1/2 and p53/TP53 signaling. Could assist ATAD3A cytoplasmic processing, preventing aggregation and favoring mitochondrial localization. May mediate calcium-dependent regulation on many physiological processes by interacting with other proteins, such as TPR-containing proteins, and modulating their activity

