

产品名称: S100B Mouse Monoclonal Antibody
产品货号: AMM80609



产品概述 (Summary)

产品名称 (Production Name)	S100B Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	S100B
别名 (Alternative Names)	NEF; S100; S100beta
基因 ID (Gene ID)	6285.0
蛋白 ID (SwissProt ID)	P04271.Purified recombinant fragment of S100B expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	/

研究背景 (Background)

S100B (S100 calcium binding protein B) 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

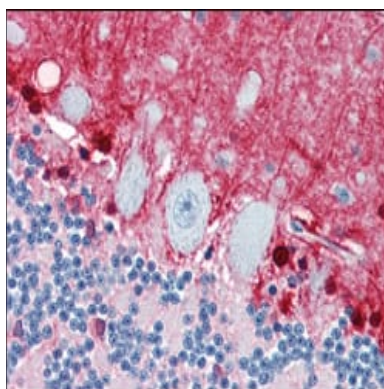
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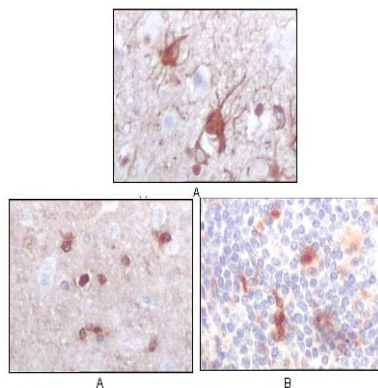
of a number of cellular processes such as cell cycle progression and differentiation. S-100 proteins and parvalbumin proteins are each expressed in neural tissues. In addition, S100B are present in a variety of other tissues, and calbindin is present in intestine and kidney. Parvalbumin B is found in many tumor tissues as well as in the organ of Corti. Calbindin, S-100 proteins and parvalbulmins have all been detected in leydig cells and the testis. These proteins are thought to play a role in hormone production and spermatogenesis. Chromosomal rearrangements and altered expression of this gene have been implicated in several neurological, neoplastic, and other types of diseases, including Alzheimer's disease, Down's syndrome, epilepsy, amyotrophic lateral sclerosis, melanoma, and type I diabetes.

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human brain, cerebellum using S100B mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human brain (A) and human thymus tissues (B), showing cytoplasmic localization using S100B mouse mAb with DAB staining.

注意事项 (Note)

For research use only .