

产品概述

产品名 (Product Name)	Caldesmon (ABT-CALD) mouse Monoclonal Antibody
货号 (Catalog No.)	ATA25754
种类 (Category)	Primary antibodies
宿主 (Host)	Mouse/IgG2b, Kappa
反应种属 (Species specificity)	Human
应用实验 (Tested applications)	IHC-p, WB
克隆性 (Clonality)	Monoclonal
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Synthesized peptide derived from human Caldesmon

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 , WB 1:500-2000

产品背景

caldesmon 1(CALD1) Homo sapiens This gene encodes a calmodulin- and actin-binding protein that plays an essential role in the regulation of smooth muscle and nonmuscle contraction. The conserved domain of this protein possesses the binding activities to Ca(2+)-calmodulin, actin, tropomyosin, myosin, and phospholipids. This protein is a potent inhibitor of the actin-tropomyosin activated myosin MgATPase, and serves as a mediating factor for Ca(2+)-dependent inhibition of smooth muscle contraction. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008],