

产品概述

产品名 (Product Name)	Active Caspase-3 mouse Monoclonal Antibody(5E1)
货号 (Catalog No.)	ATA24309
种类 (Category)	Primary antibodies
宿主 (Host)	Mouse
反应种属 (Species specificity)	Human,Mouse,Rat,Chicken
应用实验 (Tested applications)	IF, WB, IHC-p
克隆性 (Clonality)	Monoclonal
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant Protein of Active Caspase-3

产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
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 epitope-specific immunogen.

应用

IF: 1:50-200 WB: 1:500-1000 IHC: 1:100-200

产品背景

caspase 3(CASP3) Homo sapiens This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. Alternative splicing of this gene results in two transcript variants that encode the same protein. [provided by RefSeq, Jul 2008],