

### 产品概述

产品名 ( Product Name )	ZAP-70(PT2241) mouse Monoclonal Antibody
货号 ( Catalog No. )	ATA39769
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, WB
克隆性 ( Clonality )	Monoclonal
偶连物 ( Conjugation )	Unconjugated
免疫原 ( Immunogen )	Synthesized peptide derived from human ZAP-70

### 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

zeta chain of T cell receptor associated protein kinase 70(ZAP70) Homo sapiens This gene encodes an enzyme belonging to the protein tyrosine kinase family, and it plays a role in T-cell development and lymphocyte activation. This enzyme, which is phosphorylated on tyrosine residues upon T-cell antigen receptor (TCR) stimulation, functions in the initial step of TCR-mediated signal transduction in combination with the Src family kinases, Lck and Fyn. This enzyme is also essential for thymocyte development. Mutations in this gene cause selective T-cell defect, a severe combined immunodeficiency disease characterized by a selective absence of CD8-positive T-cells. Two transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],