

产品概述

产品名 (Product Name)	CD38 mouse monoclonal antibody
货号 (Catalog No.)	ATDA00051
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	This antibody detects endogenous levels of human CD38. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section
应用实验 (Tested applications)	IHC-p
克隆性 (Clonality)	Monoclonal
免疫原 (Immunogen)	Synthesized peptide derived from human CD38.
别名	ADP-ribosyl cyclase 1,Cyclic ADP-ribose hydrolase 1,cADPr hydrolase 1,CD antigen CD38
Uniprot ID	P28907
体外诊断备案号	鄂汉械备20190197号

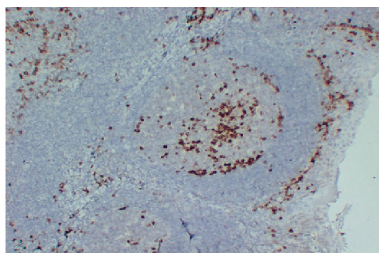
产品性能

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)	Stored at -20°C.Avoid repeated freeze-thaw cycles.
浓度 (Concentration)	1 mg/ml
亚型 (Isotype)	IgG1,Kappa

应用

IHC-p:1:100-1:500

产品实验图片



Immunohistochemical analysis of paraffin-embedded Tonsil. 1, Antibody was diluted at 1:200(4°C overnight). 2, Citrate buffer of pH6.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).

产品背景

CD38 molecule(CD38) Homo sapiens The protein encoded by this gene is a non-lineage-restricted, type II transmembrane glycoprotein that synthesizes and hydrolyzes cyclic adenosine 5'-diphosphate-ribose, an intracellular calcium ion mobilizing messenger. The release of soluble protein and the ability of membrane-bound protein to become internalized indicate both extracellular and intracellular functions for the protein. This protein has an N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites. Crystal structure analysis demonstrates that the functional molecule is a dimer, with the central portion containing the catalytic site. It is used as a prognostic marker for patients with chronic lymphocytic leukemia. Alternative splicing results in multiple transcript variants.

