

产品概述

产品名 (Product Name)	Cytokeratin 4 mouse monoclonal antibody
货号 (Catalog No.)	ATDA00019
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	This antibody detects endogenous levels of human Cytokeratin 4. 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)	WB,IHC-p
克隆性 (Clonality)	Monoclonal
免疫原 (Immunogen)	Synthesized peptide derived from human Cytokeratin 4.
别名	Keratin,type II cytoskeletal 4,Cytokeratin-4,CK-4,Keratin-4,K4,Type-II keratin Kb4
Uniprot ID	P19013

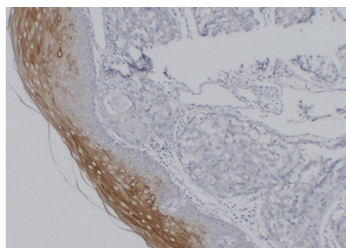
产品性能

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

WB:1:500-1:2000;IHC-p:1:100-1:500

产品实验图片



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

产品背景

Keratin 4(KRT4) Homo sapiens The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

