

产品概述

产品名 (Product Name)	Anti CD1c polyclonal antibody
货号 (Catalog No.)	ATP178
种类 (Category)	Primary antibody
宿主 (Host)	Rabbit
反应种属 (Species specificity)	Human, other species was not test
应用实验 (Tested applications)	WB: 1:2000~1:8000, ICC: 1:50~200, IHC: 1:50~100
克隆性 (Clonality)	Polyclonal
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant protein of human CD1c(Asn18-Met302).
别名	CD1C, CD1c, T-cell surface glycoprotein CD1c
Uniprot ID	P29017

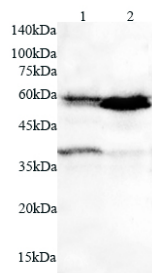
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH 7.4, containing 0.05% proclin300, 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4°C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	1.28mg/ml
亚型 (Isotype)	IgG
分子量 (MW)	36kDa
纯化方式 (Purity)	Antigen affinity purification

应用

WB, ICC, IHC

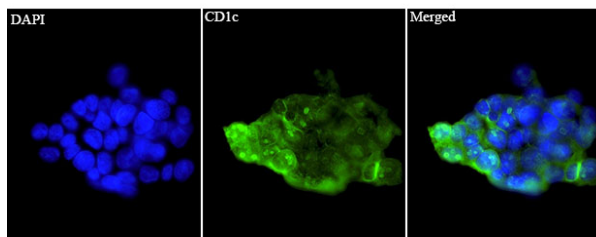
产品实验图片



Lysate: 20 µg/ml
Lane 1: 293T cell line
Lane 2: THP-1 cell line

Predicted band size: 38 kDa
Observed band size: 38.6 kDa

Various lysates were subjected to SDS PAGE followed by western blot with CD1c antibody at dilution of 1:1000.



Immunofluorescent analysis of 293T cells using CD1c antibody at dilution of 1:50 and Alexa Fluor-488 conjugated Affinipure Goat anti rabbit IgG(H+L).

产品背景

This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail. Alternatively spliced transcript variants of this gene have been observed, but their full-length nature is not known. [provided by RefSeq, Jul 2008]