产品名称：KCNN4 Mouse Monoclonal Antibody
产品货号：AMM82732

产品概述（Summary）

产品名称（Production Name）	KCNN4 Mouse Monoclonal Antibody
描述（Description）	Mouse monoclonal Antibody
宿主（Host）	Mouse
应用（Application）	WB,ELISA,FC
种属反应性（Reactivity）	Human

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	Mouse IgG1
克隆（Clonality）	Monoclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Purified antibody in PBS with 0.05% sodium azide
纯化方式（Purification）	Affinity Purification

免疫原信息（Immunogen）

基因名（Gene Name）	KCNN4
别名（Alternative Names）	IK; IK1; SK4; DHS2; KCA4; hSK4; IKCA1; hKCa4; KCa3.1; hIKCa1
基因 ID（Gene ID）	3783.0
蛋白 ID（SwissProt ID）	O15554 .Purified recombinant fragment of human KCNN4 (AA: extra 286-427) expressed in E. Coli.

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量（Molecular Weight）	47.6kDa

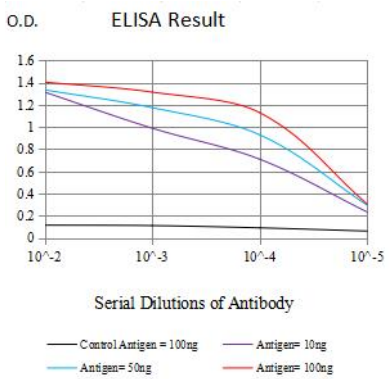
研究背景（Background）

The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent potassium channel that is

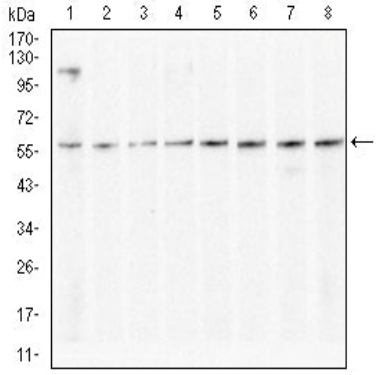
activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily.

研究领域（Research Area）

图片（Image Data）



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using KCNN4 mouse mAb against HepG2 (1), Jurkat (2), Hela (3), MCF-7 (4), HEK293 (5), SW480 (6), HT-29 (7), and SW620 (8) cell lysate.

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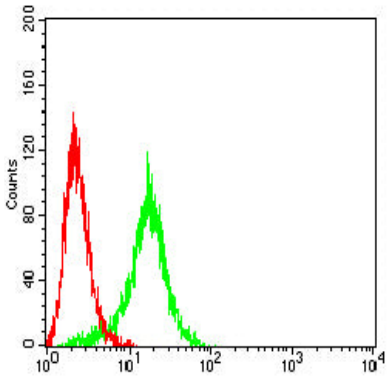

Flow cytometric analysis of THP-1 cells using KCNN4 mouse mAb (green) and negative control (red).

注意事项（Note）

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