

RIPK4

Purified Mouse Monoclonal Antibody
Catalog # AO2530a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	Q9H4D1
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	1F7D9
Isotype	Mouse IgG1
Calculated MW	86408
Immunogen	Purified recombinant fragment of human RIPK4 (AA: 675-784) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	54101
Other Names	DIK; PKK; PPS2; RIP4; ANKK2; NKRD3; ANKRD3
Dilution	WB~~ 1/500 - 1/2000 IHC~~1:100~500 ICC~~N/A E~~ 1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RIPK4 is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	dik {ECO:0000313 EMBL:CAC04247.1}
Function	Serine/threonine protein kinase. Required for embryonic skin development and correct skin homeostasis in adults, via phosphorylation of PKP1 and subsequent promotion of keratinocyte differentiation and cell adhesion. It is a direct transcriptional target of TP63. Plays a role in NF-kappa-B activation.
Cellular Location	Cytoplasm {ECO:0000256 ARBA:ARBA00004496}. Membrane {ECO:0000256 ARBA:ARBA00004170}; Peripheral membrane protein {ECO:0000256 ARBA:ARBA00004170}

References

1.Int J Biol Markers. 2014 Jun 25;29(2):e150-9.2.Oncogene. 2015 Jan 15;34(3):364-72.

Images

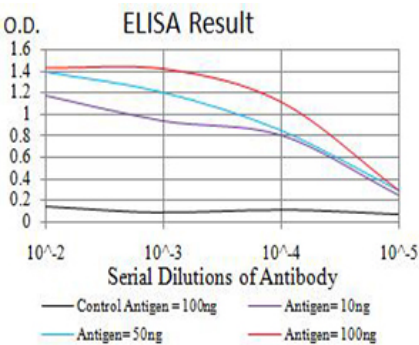


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

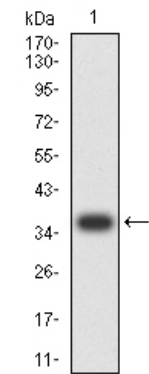


Figure 2:Western blot analysis using RIPK4 mAb against human RIPK4 (AA: 675-784) recombinant protein. (Expected MW is 37.7 kDa)

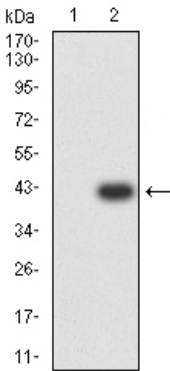


Figure 3:Western blot analysis using RIPK4 mAb against HEK293 (1) and RIPK4 (AA: 675-784)-hIgGFc transfected HEK293 (2) cell lysate.

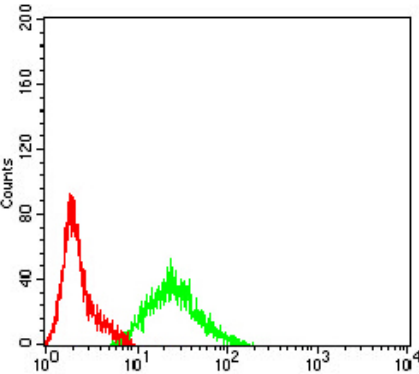


Figure 4:Flow cytometric analysis of SK-N-SH cells using RIPK4 mouse mAb (green) and negative control (red).