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RIPK4
Purified Mouse Monoclonal Antibody
Catalog # AO2530a

Specification

RIPK4 - Product Information

Application	**WB, IHC, ICC, E**
Primary Accession	Q9H4D1
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse IgG1**
Calculated MW	**91.6kDa KDa**

Immunogen
Purified recombinant fragment of human RIPK4 (AA: 675-784) expressed in E. Coli.

Formulation
Purified antibody in PBS with 0.05% sodium azide

RIPK4 - 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.

RIPK4 - 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}

RIPK4 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RIPK4 - Images

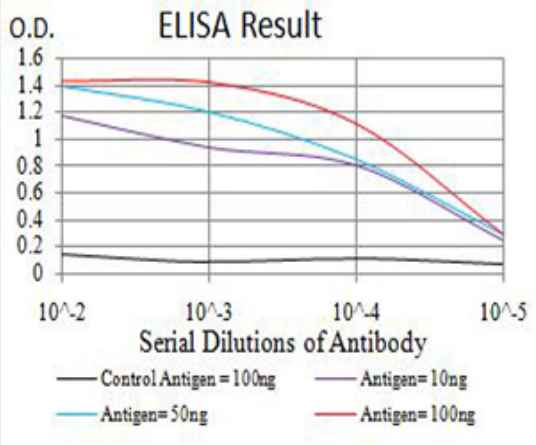

Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

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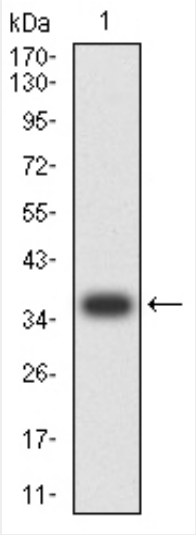

Figure 2:Western blot analysis using RIPK4 mAb against human RIPK4 (AA: 675-784) recombinant protein. (Expected MW is 37.7 kDa)

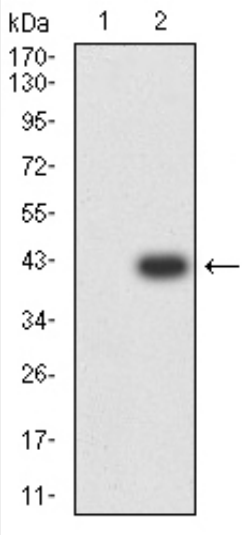

Figure 3:Western blot analysis using RIPK4 mAb against HEK293 (1) and RIPK4 (AA: 675-784)-hIgGFc transfected HEK293 (2) cell lysate.

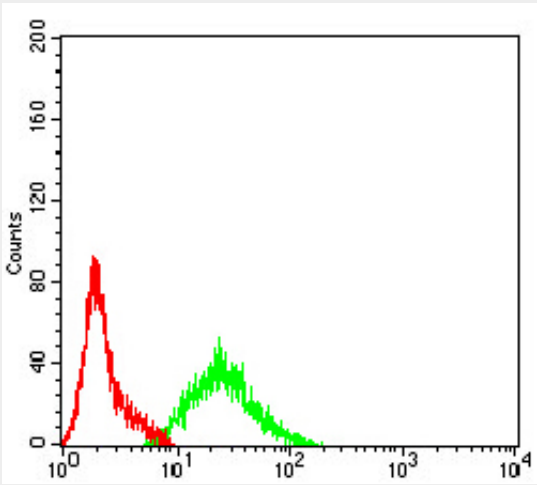

Figure 4:Flow cytometric analysis of SK-N-SH cells using RIPK4 mouse mAb (green) and negative

control (red).

RIPK4 - References

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