

For Research Use Only

Phospho-IRAK4 (Thr345/Ser346) Recombinant antibody

Catalog Number: 85753-1-RR



Basic Information

Catalog Number:

85753-1-RR

Size:

100ul, Concentration: 1000 µg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC013316

GeneID (NCBI):

51135

UNIPROT ID:

Q9NWZ3

Full Name:

interleukin-1 receptor-associated
kinase 4

Calculated MW:

52 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

242271A8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : IL-1 beta treated Karpas-299 cells,

Background Information

IRAK4 is the central kinase in the Toll-like receptor pathway of the innate immune system. Toll-like receptors constitute the first line of defense against pathogenic micro-organisms such as bacteria, viruses, and yeast. Unphosphorylated full-length IRAK4 can autophosphorylate in vitro in a cell-free system. In the cellular context, however, autophosphorylation is inducible by IL-1 β . Four phosphorylation sites have been identified in the activation loop in some articles, which are the results of autophosphorylation: Thr-342, Thr-345, Ser-346 and Thr-352. (PMID: 24567333)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

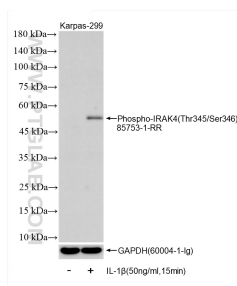
For technical support and original validation data for this product please contact:

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Selected Validation Data



Non-treated Karpas-299 cells and IL-1 beta treated Karpas-299 cells were subjected to SDS PAGE followed by western blot with 85753-1-RR (Phospho-IRAK4 (Thr345/Ser346) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as a loading control.