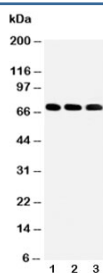


## IRAKM Antibody (R31330)

Catalog No.	Formulation	Size
R31330	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q9Y616
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This IRAKM antibody is available for research use only.



Western blot testing of IRAKM antibody and Lane 1: HeLa; 2: Jurkat; 3: HUT102 cell lysate. Predicted molecular weight: ~68kDa.

## Description

Interleukin-1 receptor-associated kinase 3, also called IRAK3 or IRAKM is an enzyme that in humans is encoded by the IRAK3 gene. The IRAKM gene consists of 12 exons spanning a region of approximately 60 kb in chromosome 12q14.3. This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the IRAKM antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human IRAKM (WFPKYIVPSQDLRPYKVNID) was used as the immunogen for this IRAKM antibody.

## Storage

After reconstitution, the IRAKM antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.