

## Irak1 Antibody (F43845)

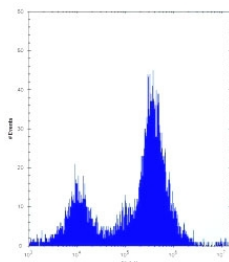
Catalog No.	Formulation	Size
F43845-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43845-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q62406
<b>Applications</b>	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
<b>Limitations</b>	This Irak1 antibody is available for research use only.

250  
130  
95  
72  
55

Irak1 antibody western blot analysis in mouse Neuro-2a lysate. Predicted molecular weight ~76 kDa.



Irak1 antibody flow cytometric analysis of Neuro-2a cells (right histogram) compared to a [negative control](#) (left histogram). FITC-conjugated donkey-anti-rabbit secondary Ab was used for the analysis.

## Description

Irak1 binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization. The kinase activity of this enzyme may not be required for IL-1 signaling. Once phosphorylated, IRAK1 recruits the adapter protein PELI1.

## Application Notes

Titration of the Irak1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 405-433 from the mouse protein was used as the immunogen for this Irak1 antibody.

## Storage

Aliquot the Irak1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.