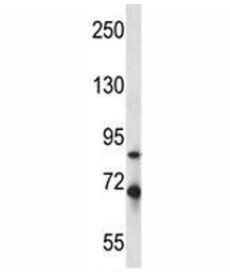
Irak1 Antibody (F43845)

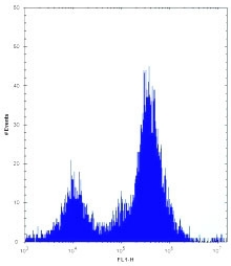
Catalog No.	Formulation	Size
F43845-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43845-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

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



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.

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