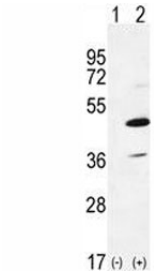
IRAK4 Antibody (F53765)

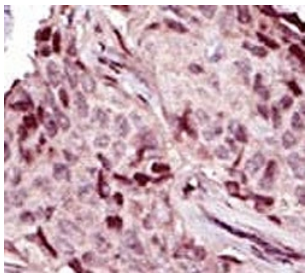
Catalog No.	Formulation	Size
F53765-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53765-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9NWZ3
Applications	1:1000 1:50-1:100
Limitations	This IRAK4 antibody is available for research use only.



Western blot analysis of IRAK4 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the IRAK4 gene. Predicted molecular weight 52/37 kDa (isoforms 1/2).



IHC analysis of FFPE human breast carcinoma tissue stained with the IRAK4 antibody

Description

Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The tyrosine-like kinase (TLK) group consists of 40 tyrosine and serine-threonine kinases such as MLK (mixed-lineage kinase), LISK (LIMK/TESK), IRAK (interleukin-1 receptor-associated kinase), Raf, RIPK (receptor-interacting protein kinase), and STRK (activin and TGF-beta receptors) families.

Application Notes

Titration of the IRAK4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 5-36 from the human protein was used as the immunogen for this IRAK4 antibody.

Storage

Aliquot the IRAK4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.