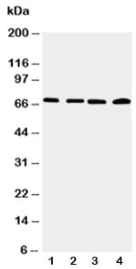
IRAK2 Antibody (R31360)

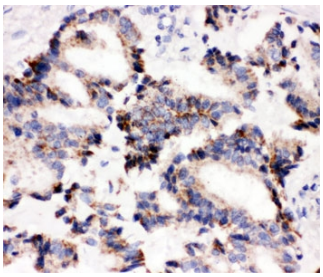
Catalog No.	Formulation	Size
R31360	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

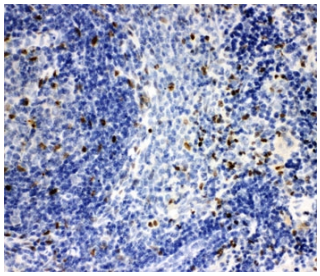
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	O43187
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml Immunocytochemistry: 0.5-1ug/ml
Limitations	This IRAK2 antibody is available for research use only.



Western blot testing of IRAK2 antibody and Lane 1: 22RV; 2: A549; 3: PANC; 4: SMMC-7721 cell lysate



IHC-P: IRAK2 antibody testing of human lung cancer tissue



IHC-P: IRAK2 antibody testing of rat spleen tissue

Description

Interleukin-1 receptor-associated kinase-like 2 is an enzyme that in humans is encoded by the IRAK2 gene. This gene is mapped to 3p25.3. Interleukin-1 receptor-associated kinase 2 is one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor(IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. It binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization.

Application Notes

The stated application concentrations are suggested starting points. Titration of the IRAK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human IRAK2 (EAKRKLMENILLYKEEK) was used as the immunogen for this IRAK2 antibody.

Storage

After reconstitution, the IRAK2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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