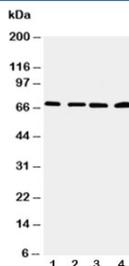


IRAK2 Antibody (R31360)

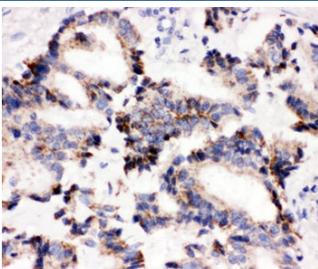
Catalog No.	Formulation	Size
R31360	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

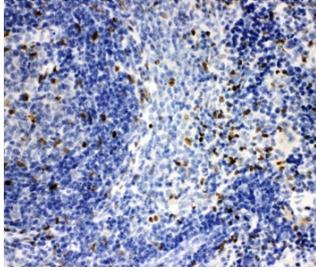
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	O43187
Applications	Western 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 (EAKRKL MENILLYKEEK) was used as the immunogen for this IRAK2 antibody.

Storage

After reconstitution, the IRAK2 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.