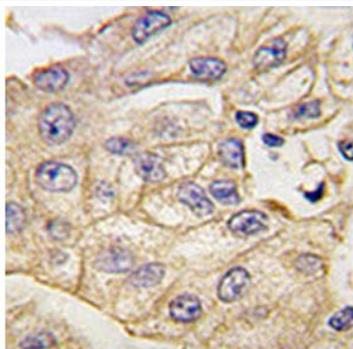


Anti-TLR2 Antibody (F44371)

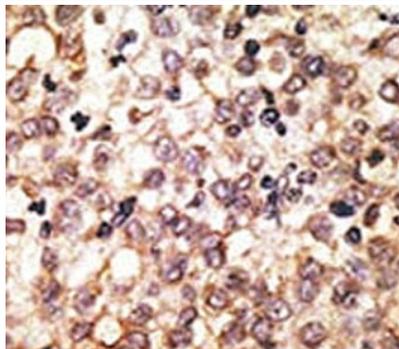
Catalog No.	Formulation	Size
F44371-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44371-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

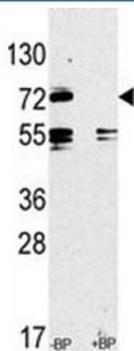
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q9QUN7
Applications	Western blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This anti-TLR2 antibody is available for research use only.



IHC analysis of FFPE human lung carcinoma tissue stained with anti-TLR2 antibody



IHC analysis of FFPE human hepatocarcinoma tissue stained with the anti-TLR2 antibody



Western blot analysis of anti-TLR2 antibody pre-incubated without and with blocking peptide in CEM lysate. Predicted molecular weight: 85-90 kDa.

Description

TLR2 is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from *Drosophila* to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. TLR2 is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB.

Application Notes

Titration of the anti-TLR2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 720-749 from the mouse protein was used as the immunogen for this anti-TLR2 antibody.

Storage

Aliquot the anti-TLR2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.