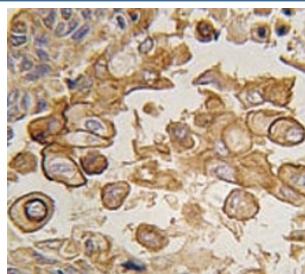


## TLR6 Antibody (F44378)

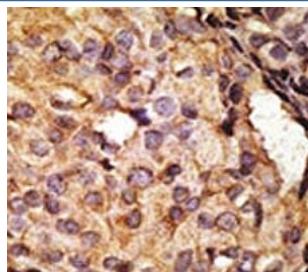
Catalog No.	Formulation	Size
F44378-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44378-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q9EPW9
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
<b>Limitations</b>	This TLR6 antibody is available for research use only.



IHC analysis of FFPE human lung carcinoma tissue stained with TLR6 antibody



IHC analysis of FFPE human breast carcinoma tissue stained with the TLR6 antibody

95  
72  
55  
43  
34  
26  
17

Western blot analysis of TLR6 antibody and K562 lysate

## Description

TLR6, a Type I membrane protein that belongs to the Toll-like receptor family, participates in the innate immune response to Gram-positive bacteria and fungi. It acts via MyD88 and TRAF6, leading to NF- $\kappa$ B activation, cytokine secretion and the inflammatory response. The protein recognizes mycoplasmal macrophage-activating lipopeptide-2kD (MALP-2), soluble tuberculosis factor (STF), phenol-soluble modulin (PSM) and *B. burgdorferi* outer surface protein A lipoprotein (OspA-L) cooperatively with TLR2. It binds to TLR2 via their respective extracellular domains, and to MyD88 via their respective TIR domains. TLR6 is detected in monocytes, CD11c+ immature dendritic cells, plasmacytoid pre-dendritic cells and dermal microvessel endothelial cells.

## Application Notes

Titration of the TLR6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 722-753 from the mouse protein was used as the immunogen for this TLR6 antibody.

## Storage

Aliquot the TLR6 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.