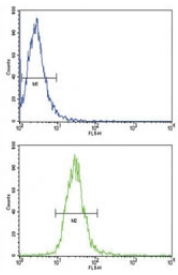
TLR6 Antibody (F44376)

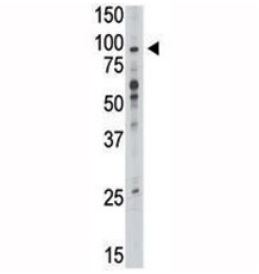
Catalog No.	Formulation	Size
F44376-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44376-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

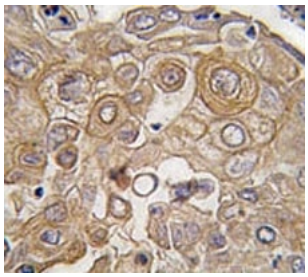
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q9Y2C9
Applications	Flow Cytometry : 1:10-1:50 Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This TLR6 antibody is available for research use only.



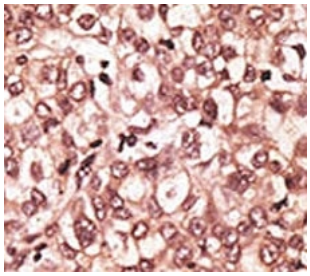
Flow cytometric analysis of NCI-H460 cells using TLR6 antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot analysis of TLR6 antibody and mouse liver tissue lysate



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



IHC analysis of FFPE human hepatocarcinoma tissue stained with the TLR6 antibody

Description

TLR6, a Type I membrane protein that belongs to the Toll-like rceptor 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 393-423 from the human protein was used as the immunogen for this TLR6 antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com