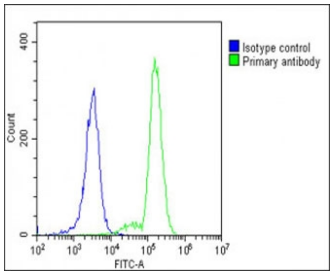
MyD88 Antibody (F55059)

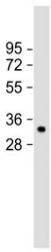
Catalog No.	Formulation	Size
F55059-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F55059-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

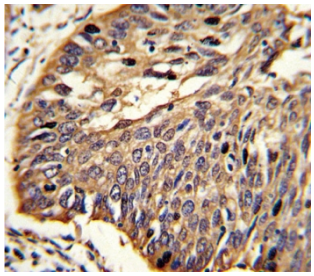
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q99836
Applications	Western Blot : 1:1000-1:2000 Immunohistochemistry (FFPE) : 1:10-1:50 Flow Cytometry : 1:10-1:50 per million cells in 0.1ml
Limitations	This MyD88 antibody is available for research use only.



MyD88 antibody flow cytometric analysis of fixed and permeabilized human K562 cells (green) compared to aÂ negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot testing of human HT-29 cell lysate with MyD88 antibody. Predicted molecular weight ~33 kDa.



IHC analysis of FFPE human lung carcinoma stained with MyD88 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

Myeloid differentiation primary response protein MyD88 is an adapter protein involved in the Toll-like receptor and IL-1 receptor signaling pathway in the innate immune response. It acts via IRAK1, IRAK2 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response and increases IL-8 transcription. It may be involved in myeloid differentiation.

Application Notes

Titration of the MyD88 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 136-164 from the human protein was used as the immunogen for this MyD88 antibody.

Storage

Aliquot the MyD88 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