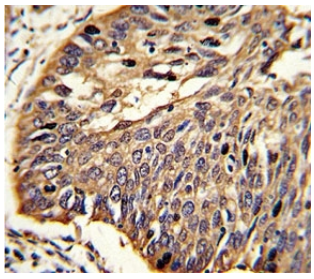
MyD88 Antibody (F51176)

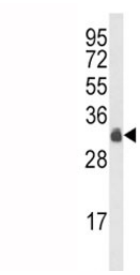
Catalog No.	Formulation	Size
F51176-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F51176-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

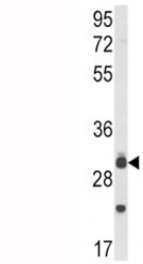
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Primate
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q99836
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This MyD88 antibody is available for research use only.



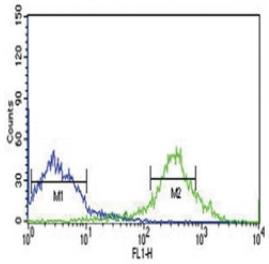
IHC analysis of FFPE human lung carcinoma stained with MyD88 antibody



Western blot analysis of MyD88 antibody and HepG2 lysate. Predicted molecular weight: 33 kDa



Western blot analysis of MyD88 antibody and mouse lung tissue lysate. Predicted molecular weight: 33 kDa



MyD88 antibody flow cytometric analysis of NCI-H460 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

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.