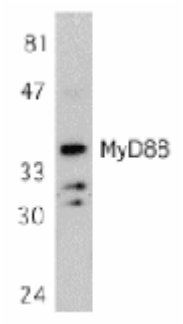
Anti-Human MyD88 Purified

Catalog Number: 14-6222
RUO: For Research Use Only. Not for use in diagnostic procedures.



Immunoblot analysis of reduced Jurkat cell lysate using Anti-Human MyD88 Purified (1µg/ml) and detected using Anti-Rabbit IgG-HRP (left). Immunohistochemical staining using antigen retreival of formalin-fixed, paraffin-embedded human heart tissue using Anti-Human MyD88 Purified at 2 µg/ml and detected using Anti-Rabbit IgG-HRP (right).

Product Information

Contents: Anti-Human MyD88 Purified
REF **Catalog Number:** 14-6222
Clone: Polyclonal
Host/Isotype: Rabbit IgG

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C.
LOT **Batch Code:** Refer to vial
Use By: Refer to vial
Caution, contains Azide

Description

The polyclonal antibody reacts with human MyD88; the antibody was raised against residues 233-248 of human MyD88 and recognizes human antigens. MyD88, a myeloid differentiation primary response gene, is expressed in a variety of tissues and functions as an adapter molecule in the IL-1 signaling pathway involved in the inflammatory responses induced by cytokines and LPS. MyD88 associates with and recruits IRAK to the IL-1 receptor. Dominant negative mutants of MyD88 attenuate IL-1R-mediated NF-κB activation. MyD88 also functions as a regulator molecule for IL-18 receptor and human Toll receptor family. Targeted disruption of the MyD88 gene results in loss of cellular responses to IL-1 and IL-18, and MyD88-deficient mice lack responses to LPS. For applications with mouse MyD88, it is recommended that anti-human/mouse MyD88 (C-terminus) (cat. 14-6223) be used.

Applications Reported

This polyclonal antibody has been reported for use in immunoblotting (WB).

Applications Tested

This polyclonal antibody has been tested for immunoblotting (1:500-1:1000 dilution) of MyD88 from Jurkat cell lysate as a positive control. A 35 kDa band can be detected. It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

References

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