

# Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

## MYD88 flag

RRID:Addgene\_13093

Type: Plasmid

### Proper Citation

RRID:Addgene\_13093

### Plasmid Information

**URL:** <http://www.addgene.org/13093>

**Proper Citation:** RRID:Addgene\_13093

**Insert Name:** MYD88

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Vector Backbone Description:** Backbone Marker:Sigma; Backbone Size:4700; Vector Backbone:pFlag-CMV-2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** MYD88 flag

**Record Creation Time:** 20220422T221727+0000

**Record Last Update:** 20260815T080513+0000

### Ratings and Alerts

No rating or validation information has been found for MYD88 flag.

No alerts have been found for MYD88 flag.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 14 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Sugimoto-Ishige A, et al. (2025) Fbxo16 mediates degradation of NF- $\kappa$ B p65 subunit and inhibits inflammatory response in dendritic cells. *Frontiers in immunology*, 16, 1524110.

Chen J, et al. (2022) Inflammation Induced by Lipopolysaccharide and Palmitic Acid Increases Cholesterol Accumulation via Enhancing Myeloid Differentiation Factor 88 Expression in HepG2 Cells. *Pharmaceuticals (Basel, Switzerland)*, 15(7).

Chen J, et al. (2020) Soyasaponins reduce inflammation by downregulating MyD88 expression and suppressing the recruitments of TLR4 and MyD88 into lipid rafts. *BMC complementary medicine and therapies*, 20(1), 167.

Saikh KU, et al. (2020) A small molecule inhibitor of MyD88 exhibits broad spectrum antiviral activity by up regulation of type I interferon. *Antiviral research*, 181, 104854.

Suckling CJ, et al. (2018) Small Molecule Analogues of the parasitic worm product ES-62 interact with the TIR domain of MyD88 to inhibit pro-inflammatory signalling. *Scientific reports*, 8(1), 2123.

Hindi SM, et al. (2017) MyD88 promotes myoblast fusion in a cell-autonomous manner. *Nature communications*, 8(1), 1624.

Gurung P, et al. (2017) Tyrosine Kinase SYK Licenses MyD88 Adaptor Protein to Instigate IL-1 $\beta$ -Mediated Inflammatory Disease. *Immunity*, 46(4), 635.

Jing Y, et al. (2016)  $\gamma$ -Lipoic Acids Promote the Protein Synthesis of C2C12 Myotubes by the TLR2/PI3K Signaling Pathway. *Journal of agricultural and food chemistry*, 64(8), 1720.

Alam S, et al. (2015) Structure-Based Design and Synthesis of a Small Molecule that Exhibits Anti-inflammatory Activity by Inhibition of MyD88-mediated Signaling to Bacterial Toxin Exposure. *Chemical biology & drug design*, 86(2), 200.

Olson MA, et al. (2015) Discovery of small molecule inhibitors of MyD88-dependent signaling pathways using a computational screen. *Scientific reports*, 5, 14246.

Novikova L, et al. (2014) Cell death triggered by *Yersinia enterocolitica* identifies processing of the proinflammatory signal adapter MyD88 as a general event in the execution of apoptosis. *Journal of immunology (Baltimore, Md. : 1950)*, 192(3), 1209.

Nguyen TT, et al. (2013) Phosphatidylinositol 4-phosphate 5-kinase  $\gamma$  facilitates Toll-like receptor 4-mediated microglial inflammation through regulation of the Toll/interleukin-1 receptor domain-containing adaptor protein (TIRAP) location. *The Journal of biological chemistry*, 288(8), 5645.

Kissner TL, et al. (2012) Therapeutic inhibition of pro-inflammatory signaling and toxicity to staphylococcal enterotoxin B by a synthetic dimeric BB-loop mimetic of MyD88. *PloS one*, 7(7), e40773.

Chang CH, et al. (2011) TBK1-associated protein in endolysosomes (TAPE) is an innate immune regulator modulating the TLR3 and TLR4 signaling pathways. *The Journal of*

biological chemistry, 286(9), 7043.