

Recombinant

DGRmAb®

**MyD88 (DGR12195) Rabbit mAb (PBS Only)**

db15802-PBS

Package : 100µg

**Product Name** : MyD88 (DGR12195) Rabbit mAb (PBS Only)**Cat.No.:** db15802-PBS**Synonyms** : MYD88D**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. These pathways regulate that activation of numerous proinflammatory genes. The encoded protein consists of an N-terminal death domain and a C-terminal Toll-interleukin1 receptor domain. Patients with defects in this gene have an increased susceptibility to pyogenic bacterial infections. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]

**Immunogen**

A synthetic peptide of human MyD88

**Gene ID**

4615

**Swiss Prot**

Q99836

**Synonyms**

MYD88D

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, FC

**Calculated MW**

33 kDa

**Observed MW**

33 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12195

**Isotype**

IgG

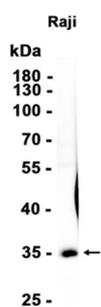
**Purity**

Affinity Purification

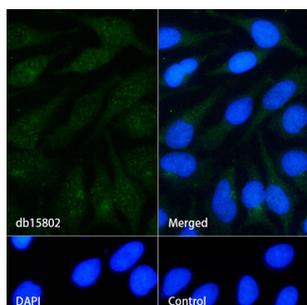
**Conjugation**

Un-conjugated

<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Raji cells using [db15802](#) at 1:1000.



Immunofluorescence analysis of HeLa cells labelling MyD88 with [db15802](#).

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with [db15802](#) (1:200) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 [db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.