

Recombinant

DGRmAb®

CD38 (DGR15475) Rabbit mAb (PBS Only)

db15051-PBS

Package : 100µg

Product Name : CD38 (DGR15475) Rabbit mAb (PBS Only)**Cat.No.:** db15051-PBS**Synonyms** : I-19; ADPRC 1; Cd38-rs1**Application** : WB, IHC-P**Reactivity** : Mouse**Host species** : Rabbit**Background**

This gene encodes a non-lineage-restricted, type II transmembrane glycoprotein that synthesizes and hydrolyzes cyclic adenosine 5'-diphosphate-ribose, an intracellular calcium ion mobilizing messenger. The release of soluble protein and the ability of membrane-bound protein to become internalized indicate both extracellular and intracellular functions for the protein. This protein has an N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites. Knockout mice deficient for this gene display altered humoral immune responses. In addition, knockout mice exhibit higher locomotor activity and defects in nurturing and social behaviors. [provided by RefSeq, Sep 2015]

Immunogen

Recombinant protein of mouse CD38

Gene ID

12494

Swiss Prot

P56528

Synonyms

I-19; ADPRC 1; Cd38-rs1

Reactivity

Mouse

Application

WB, IHC-P

Calculated MW

34 kDa

Observed MW

45 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15475

Isotype

IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	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 Mouse thymus, spleen tissue using [db15051](#) at 1:1000.

