

Recombinant

DGRmAb®

CD38 (DGR15475) Rabbit mAb

db15051

Package : 10µL 20µL 50µL 100µL

Product Name : CD38 (DGR15475) Rabbit mAb**Cat.No.:** db15051**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

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:1000**Calculated MW**

34 kDa

Observed MW

45 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15475

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Western blot analysis of extracts from Mouse thymus, spleen tissue using db15051 at 1:1000.

