

Recombinant

DGRmAb®

## CD38 (DGR20479) Rabbit mAb

db12798

Package : 10µL 20µL 50µL 100µL

**Product Name :** CD38 (DGR20479) Rabbit mAb**Cat.No.:** db12798**Synonyms :** I-19; ADPRC 1; Cd38-rs1**Application :** ICC/IF, FC**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**

ICC/IF, FC

**Recommended dilution**

ICC/IF: 1:50

FC: 1:200-1:500

**Calculated MW**

34 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR20479

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.