

Recombinant

DGRmAb®

**CD38 (DGR11645) Rabbit mAb (PBS Only)**

db15939-PBS

Package : 10µg 100µg

**Product Name** : CD38 (DGR11645) Rabbit mAb (PBS Only)**Cat.No.:** db15939-PBS**Synonyms** : ADPRC1; ADPRC 1**Application** : WB, IHC-P, FC**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is 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. Crystal structure analysis demonstrates that the functional molecule is a dimer, with the central portion containing the catalytic site. It is used as a prognostic marker for patients with chronic lymphocytic leukemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

**Immunogen**

A synthetic peptide of human CD38

**Gene ID**

952

**Swiss Prot**

P28907

**Synonyms**

ADPRC1; ADPRC 1

**Reactivity**

Human

**Application**

WB, IHC-P, FC

**Calculated MW**

34 kDa

**Observed MW**

45 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR11645

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	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 [db15939](#) at 1:1000.

