



Recombinant

DGRmAb[®]

CD38 (DGR11645) Rabbit mAb

db15939 Package : 10μL 20μL 50μL 100μL

Product Name: CD38 (DGR11645) Rabbit mAb

Cat.No.: db15939

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

Recommended dilution WB: 1:1000

IHC-P: 1:200-1:1000

FC: 1:10-1:100

Calculated MW 34 kDa

Observed MW 45 kDa

Host species Rabbit

Clonality Monoclonal



For Research Use Only **Product Datasheet**

Clonality No. DGR11645

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 Raji cells using db15939 at 1:1000.

Raji

kDa

188 :
100 70 55 40
35 -