# CD38 Rabbit pAb

**db534** **Package : 20μL 50μL 100μL**

**Product Name :** CD38 Rabbit pAb
**Cat.No.:** db534
**Synonyms :** ADPRC1; ADPRC 1
**Application :** WB, IHC
**Reactivity :** Human
**Host species :** Rabbit

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| **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 |
| **Recommended dilution** | WB: 1:1000<br>IHC: 1:50-1:200 |
| **Calculated MW** | 34 kDa |
| **Observed MW** | 45 kDa |
| **Host species** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |

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| **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. |