

## CAB20215

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### Product Information

<b>Product SKU:</b>	CAB20215	<b>Gene ID:</b>	952	<b>Size:</b>	100uL
<b>Clone No:</b>	ARC5131-01	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	Refer to figures	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	34kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

<b>Background:</b>	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.
<b>Recommended Dilution:</b>	FC,1:50 - 1:200
<b>Synonyms:</b>	ADPRC1; cADPR1; ADPRC 1; CD38
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 43-300 of human CD38 (P28907).
<b>Storage:</b>	Store at 4°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, pH7.3.