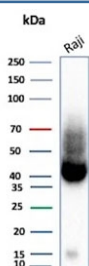


## ADPRC1 Antibody / ADP-ribosyl cyclase 1 / CD38 [clone CD38/9333] (V5827)

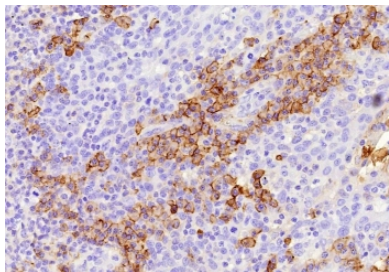
Catalog No.	Formulation	Size
V5827-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5827-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5827SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

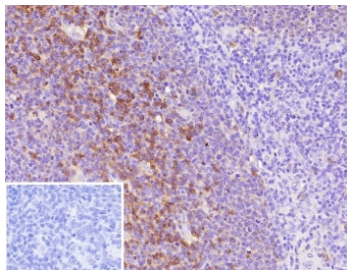
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	CD38/9333
<b>Purity</b>	Protein G affinity
<b>UniProt</b>	P28907
<b>Localization</b>	Membrane
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
<b>Limitations</b>	This ADPRC1 antibody is available for research use only.



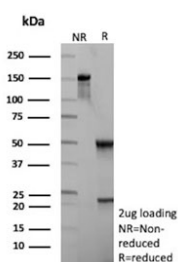
Western blot testing of human Raji tissue lysate with ADPRC1 antibody (clone CD38/9333). Expected molecular weight: 34-46 kDa depending on glycosylation level.



IHC staining of FFPE human tonsil tissue with ADPRC1 antibody (clone CD38/9333).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human tonsil tissue with ADPRC1 antibody (clone CD38/9333).  
Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free ADPRC1 antibody (clone CD38/9333) as confirmation of integrity and purity.

## Description

CD38/ADPRC1 is a type II transmembrane glycoprotein that is present on early B- and T-cell lineages and activated B- and T-cells but is absent from most mature resting peripheral lymphocytes. CD38 is also found on thymocytes, pre-B cells, germinal center B-cells, mitogen-activated T-cells, monocytes and Ig-secreting plasma cells. CD38 is expressed on CD34+ cells. The CD34+CD38- population of hematopoietic stems cells define the most pluripotent cells (e.g. blast colony forming cells).

## Application Notes

Optimal dilution of the ADPRC1 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 1-200 from human CD38 protein was used as the immunogen for the ADPRC1 antibody.

## Storage

Aliquot the ADPRC1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

