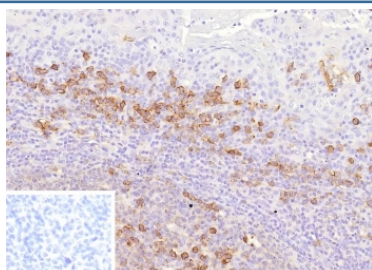


ADP-ribosyl cyclase 1 Antibody / ADPRC1 / CD38 [clone CD38/9332] (V5826)

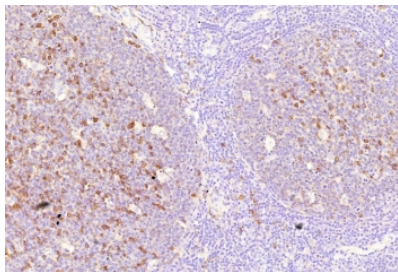
Catalog No.	Formulation	Size
V5826-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5826-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5826SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

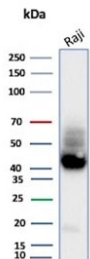
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CD38/9332
Purity	Protein G affinity
UniProt	P28907
Localization	Membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
Limitations	This ADP-ribosyl cyclase 1 antibody is available for research use only.



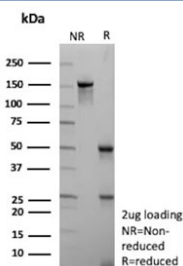
IHC staining of FFPE human tonsil tissue with ADP-ribosyl cyclase 1 antibody (clone CD38/9332). Inset: PBS used in place of primary Ab (secondary Ab negative control).
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human tonsil tissue with ADP-ribosyl cyclase 1 antibody (clone CD38/9332). 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.



Western blot testing of human Raji tissue lysate with ADP-ribosyl cyclase 1 antibody (clone CD38/9332). Expected molecular weight: 34-46 kDa depending on glycosylation level.



SDS-PAGE analysis of purified, BSA-free ADP-ribosyl cyclase 1 antibody (clone CD38/9332) as confirmation of integrity and purity.

Description

CD38/ADP-ribosyl cyclase 1 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 ADP-ribosyl cyclase 1 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 ADP-ribosyl cyclase 1 antibody.

Storage

Aliquot the ADP-ribosyl cyclase 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

