

CD38 polyclonal antibody

Catalog: BS90238

Host: Rabbit

Reactivity: Human

BackGround:

CD38 is a type II integral membrane glycoprotein which 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 acts as a NAD glycohydrolase in T lymphocytes. On hematopoietic cells CD38 induces activation, proliferation, and differentiation of mature T and B cells and mediates apoptosis of myeloid and lymphoid progenitor cells. In addition to acting as a signaling receptor, CD38 is also an enzyme capable of producing several calcium-mobilizing metabolites, including cyclic adenosine diphosphate ribose (cADPR). CD38 also plays a role in maintaining survival of an invariant NK T (iNKT) cell subset that preferentially contributes to the maintenance of immunological tolerance.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

40/50 kDa

Swiss-Prot:

P28907(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000

IHC:1:50-1:200

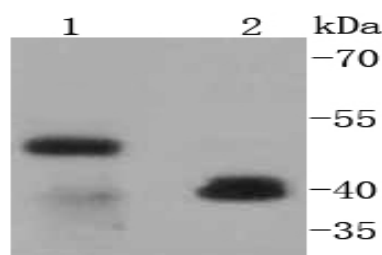
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

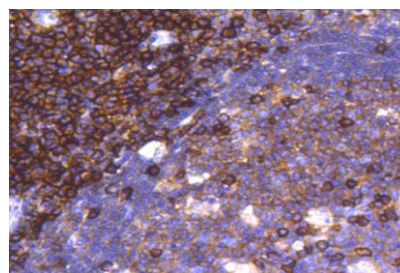
Specificity:

CD38 polyclonal antibody detects endogenous levels of CD38 protein.

DATA:



Western blot analysis of CD38 on different lysates using anti-CD38 antibody at 1/1,000 dilution. Positive control: Lane 1: THP-1 Lane 2: Raji



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD38 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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