9853 Pacific Heights Blvd.
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10-12533: Mouse Monoclonal Antibody to CD38(Clone :BS3) (Discontinued)

Clonality :	Monoclonal
Clone Name :	BS3
Application :	IHC
Reactivity :	Human
Gene :	Cd38
Gene ID :	12494
Uniprot ID :	P56528
Alternative Name :	T10, CD38

Description

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 lym- phocytes. 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 metabo- lites, 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 Info

Amount :	0.1 ml / 0.5 ml
Content :	TRIS with 0.03% sodium azide, pH7.2
Storage condition :	Store at 4°C

Application Note

Immunohistochemical Analysis :-1:200

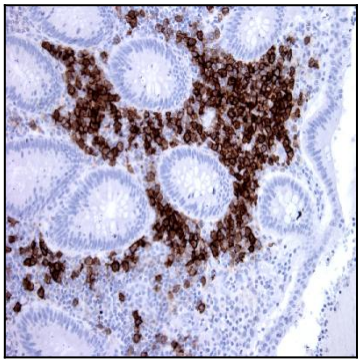


Figure-1: Appendix section has been stained using CD38 antibody (Clone: BS3) with 1:200 dilution. Strong membranous staining observed from plasma cells.

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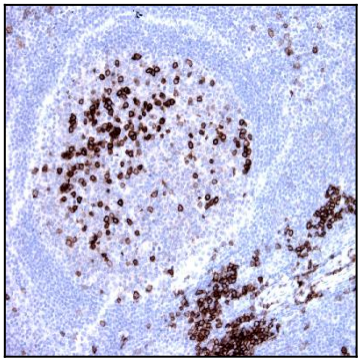


Figure-2: Tonsil section have been stained using CD38 antibody (Clone: BS3) with 1:200 dilution. Strong membranous staining observed from scattered B cells in germinal center and plasma cells.

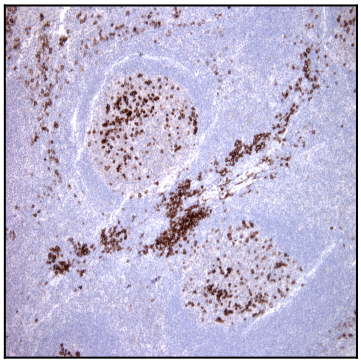


Figure-3: Tonsil section have been stained using CD38 antibody (Clone: BS3) with 1:200 dilution. Strong membranous staining observed from scattered B cells in germinal center and plasma cells.

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