

Mouse anti-CD38, clone HIT2, FITC (Monoclonal)

Clone no. HIT2

MONOSAN

Product name	Mouse anti-CD38, clone HIT2, FITC (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Human
Conjugate	FITC
Immunogen	Human CD38
Isotype	IgG1
Clonality	Monoclonal
Clone number	HIT2
Size	0.5 ml
Concentration	n/a
Format	-
Storage buffer	PBS with 4mg/ml BSA and 0.1% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

CD38 (NAD⁺ glycohydrolase) is a type II transmembrane glycoprotein able to induce activation, proliferation and differentiation of mature lymphocytes and mediate apoptosis of myeloid and lymphoid progenitor cells. CD38 functions as a multi-catalytic ectoenzyme serving as ADP-ribosyl cyclase, cyclic ADP-ribose hydrolase and possibly NAD⁺ glycohydrolase or as a cell surface receptor. Antibodies to CD38 are useful in subtyping of lymphomas and leukemias, detection of plasma cells (i.e. identification of myelomas), and as a marker for activated B and T cells.

References

1. de Oliveira AL et al. Immunol 2013
2. Zhang et al. Exp Hematol 2000
3. Grammer AC et al. J Immunol 1999
4. Denning-Kendall PA et al. Brit J of Haematol 1999
5. Hryhorenko EA et al. Photochem and photobiol 1998

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