

Mouse anti-CD138, clone B-A38 (Monoclonal)

Clone no. B-A38

MONOSAN

Product name	Mouse anti-CD138, clone B-A38 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:25-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	B-A38
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% 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

CD138, Syndecan 1, is expressed in the late stages of B-cell differentiation with progression towards plasma cells. It can be used to differentiate lymphoplasmacytic lymphoma from marginal zone lymphoma. ALK+ large B-cell lymphoma (LBCL) usually strongly expresses CD138 whereas lineage-associated markers such as anti-CD20 and anti-CD79a do not stain ALK+LBCL. Anti-CD138 is immunoreactive with HHV8-associated primary effusion lymphoma even though the lymphoma cells lack the expression of B-cell markers. Anti-CD138 is a good marker to identify and enumerate plasma cells, benign, reactive, or malignant, in bone marrow biopsy specimens.^{4,6} CD138 is also expressed in epithelial cells.

References

1. Chilosì M, et al. Mod Pathol. 1999; 12:1101-6
2. Sebestyén A, et al. Br J Haematol. 1999; 104:412-9
3. Bayer-Garner IB, et al. Mod Pathol. 2001; 14:1052-8
4. O'Connell FP, et al. Am J Clin Pathol. 2004; 121:254-63.
5. Colomo L, et al. Am J Surg Pathol. 2004; 28:736-47

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