

CD138, Syndecan-1 clone B-A38

Instructions for Use

Specification:

B-A38, anti CD138, recognizes the 30.5 kD syndecan-1 proteoglycan expressed on human plasma cells, endothelial cells and fibroblasts. It is expressed on epithelial and endothelial cells and on cells of B lymphocyte lineage at discrete differentiation stages. Syndecan-1 is expressed on precursor B cells, is lost before maturation and entry into the circulation, and is re-expressed upon plasma cells. It detects also thymocytes, activated T-cells, basophils, natural killer cells, and monocytes. B-A38, anti CD138, detects 70-100% of multiple myeloma cells and B cell chronic lymphocytic leukemia.

Availability:

Catalog No.	Contents	Volume
ILM3825-C01	CD 138	0,1 ml concentrate
ILM3825-C05	CD 138	0,5 ml concentrate
ILM3825-C1	CD 138	1,0 ml concentrate

Intended use: For Research Use Only

Reactivity: Human

Clone: B-A38

Species of origin: Mouse

Isotype: IgG1

Control Tissue: Plasmacytoma, tonsil

Staining: Membranous

Presentation:

1 ml of 0.1 mg of purified IgG in of 0.01 M sodium phosphate, 0.15M NaCl; pH 7.3, 0.2 % BSA, 0.09% sodium azide.

Application and suggested dilutions:

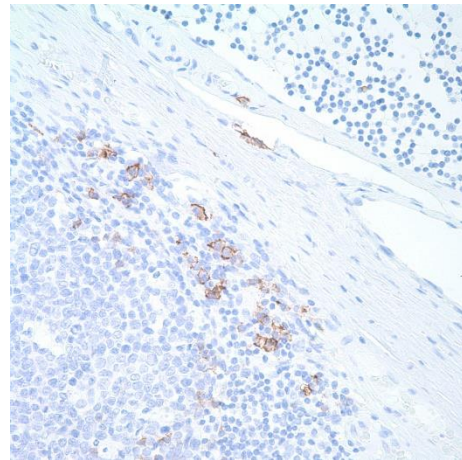
Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:200-1:400)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:200-1:400)
- Immunoprecipitation
- Western Blotting

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.



References:

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- 5) Harada, H. et al.. 1993. Blood, 81, 2658
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- 7) Wijdenes, J., et al. 1996. Brit. J. Haematol. 94.318-323
- 8) Van Zaanen, H.C.T. et al. 1995. Brit. J.Haematol., 91, 55-59
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