

## DATASHEET

# CD138 Mouse Monoclonal Antibody (ARM874)

CAT. NO. ARM6664

### KEY FEATURES

Target	CD138	Clone ID	ARM874
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

### BACKGROUND

Cluster of Differentiation 138 (CD138), also known as Syndecan-1, is a trans-membrane glycoprotein present on the surface of B-cells during late stage differentiation. Anti-CD138 is used to differentiate marginal zone lymphoma from lymphoplasmacytic lymphoma. ALK+ Large B-Cell Lymphoma (LBCL) commonly stains positively for CD138, but not for CD20 and CD79a. Anti-CD138 reacts positively with HHV8-associated primary effusion lymphoma that lacks B-cell markers. CD138 is also a useful marker for identifying and enumerating benign, reactive, or malignant plasma cells from the bone marrow biopsy samples.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Tonsil
Localization	Membranous
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	SDC1
Entrez Gene ID	6382
Uniprot	P18827
Alternative Names	SDC; Syndecan-1; SYND1; CD138

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

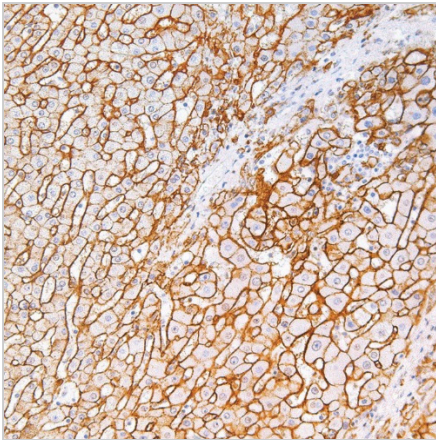
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**DATA**

Immunohistochemical staining of human tonsil tissue using CD138 Mouse Monoclonal Antibody (ARM874)

**RESEARCH USE ONLY**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / cd138-mouse-monoclonal-antibody-arm874-arm6664](http://www.arexbio.com/cd138-mouse-monoclonal-antibody-arm874-arm6664)