

DATASHEET

CD317 Mouse Monoclonal Antibody (ARM947)

CAT. NO. ARM6737

KEY FEATURES

Target	CD317	Clone ID	ARM947
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

CD317, also known as BST2, tetherin, HM1.2 antigen, DAMP-2, is an integral transmembrane glycoprotein which may play a role in pre-B-cell growth, rheumatoid arthritis, and in antiretroviral defense, that blocks release of retrovirus from the cell surface. It is highly expressed on terminally differentiated normal plasmacytoid dendritic cells and some tumor cells, such as multiple myeloma, renal cell carcinoma, and melanoma cells.

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	IgG2a
Positive Control	Spleen, Lung
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	BST2
Entrez Gene ID	684
Uniprot	Q10589
Alternative Names	Bone marrow stromal antigen 2; BST-2; HM1.24 antigen; Tetherin; CD317

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

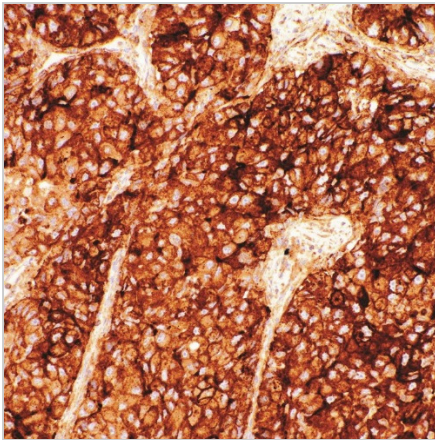
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 lung tissue using CD317 Mouse Monoclonal Antibody (ARM947).

RESEARCH USE ONLY

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

More information: [www.arexbio.com / cd317-mouse-monoclonal-antibody-arm947-arm6737](http://www.arexbio.com/cd317-mouse-monoclonal-antibody-arm947-arm6737)