

DATASHEET

CD68 Mouse Monoclonal Antibody (ARM957)

CAT. NO. ARM6747

KEY FEATURES

Target	CD68	Clone ID	ARM957
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

Cluster of Differentiation 68 (CD68) is a heavily glycosylated transmembrane antigen that is detected in lysosomes, tissue macrophages, Langerhans cells, dendritic cells, monocytes, Kupffer cells, osteoclasts, and granulocytes. Anti-CD68 may be useful in identifying myelomonocytic and histiocytic tumours, and for differentiating between malignant fibrous histiocytoma and other pleomorphic sarcomas. However, other lysosome-rich cells may also stain, since Anti-CD68 detects a formalin-resistant epitope that may be associated with lysosomal granules.

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	IgG3
Positive Control	Tonsil
Localization	Cytoplasmic, Membranous
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	CD68
Entrez Gene ID	968
Uniprot	P34810
Alternative Names	Macrosialin; Gp110; CD68

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

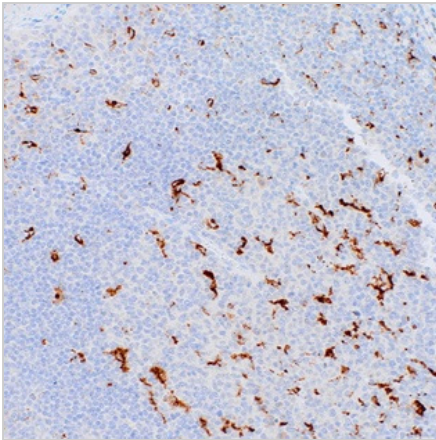
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 tonsil tissue using CD68 Mouse Monoclonal Antibody (ARM957).

RESEARCH USE ONLY

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

More information: [www.arexbio.com / cd68-mouse-monoclonal-antibody-arm957-arm6747](http://www.arexbio.com/cd68-mouse-monoclonal-antibody-arm957-arm6747)