

DATASHEET

CD45RO Mouse Monoclonal Antibody (ARM953)

CAT. NO. ARM6743

KEY FEATURES

Target	CD45RO	Clone ID	ARM953
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

CD45RO is an isoform of CD45 which is expressed in thymocytes, activated T-cells, and subpopulations of resting T-cells. It is a useful marker for T-cell tumours, as Anti-CD45RO demonstrates no reactivity with B-cells. Specifically, CD45RO is implicated in a number of T-cell lymphomas including angioimmunoblastic, lymphoblastic, peripheral, and subcutaneous panniculitis-like T-cell lymphomas.

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	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	PTPRC
Entrez Gene ID	5788
Uniprot	P08575
Alternative Names	CD45; Receptor-type tyrosine-protein phosphatase C; Leukocyte common antigen; L-CA; T200; CD antigen CD45

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

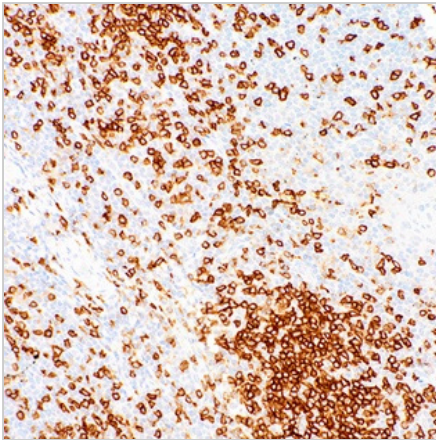
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 CD45RO Mouse Monoclonal Antibody (ARM953).

RESEARCH USE ONLY

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

More information: [www.arexbio.com / cd45ro-mouse-monoclonal-antibody-arm953-arm6743](http://www.arexbio.com/cd45ro-mouse-monoclonal-antibody-arm953-arm6743)