

DATASHEET

MCT4 Mouse Monoclonal Antibody (ARM632)

CAT. NO. ARM6923

KEY FEATURES

Target	MCT4	Clone ID	ARM632
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:50-1:100
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

MCT4 (Monocarboxylate transporter 4) is a member of the MCTs family, an important regulator in acid-resistant phenotype for several cancer cells. Upregulated MCT4 has been considered as an indicator for poor survival in many cancers, including lung cancer, breast cancer, head and neck cancer, colorectal cancer (CRC), and oral squamous cell carcinoma.

APPLICATION

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

Application	IHC
Dilution Ratio	1:50-1:100

*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	Cervical Cancer
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	SLC16A3
Entrez Gene ID	9123
Uniprot	O15427
Alternative Names	MCT4; Monocarboxylate transporter 4; MCT 4; Solute carrier family 16 member 3

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

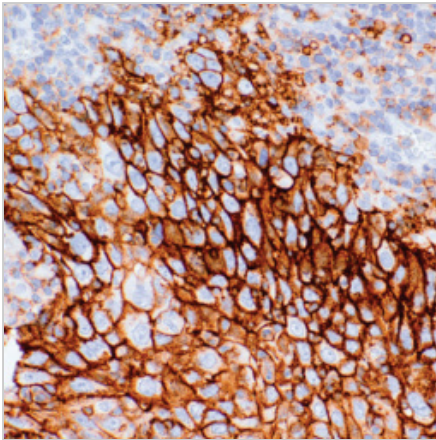
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 cervical cancer tissue using MCT4 Mouse Monoclonal Antibody (ARM632).

RESEARCH USE ONLY

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

More information: [www.arexbio.com / mct4-mouse-monoclonal-antibody-arm632-arm6923](http://www.arexbio.com/mct4-mouse-monoclonal-antibody-arm632-arm6923)