DATASHEET

Tartrate-resistant acid phosphatase type 5 Rabbit Monoclonal Antibody(ARA618)

CAT. NO. ARA6318

KEY FEATURES

Target:	Tartrate-resistant acid phosphatase type 5	Clone ID:	ARA618
Source/Host:	Rabbit	Reactivity:	Human
Clonality:	Monoclonal	Applications:	IHC
Storage:	at-20°C		

BACKGROUND

ACP5 encodes an iron-containing glycoprotein that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and the only form not inhibited by L(+)-tartrate. Involved in osteopontin/bone sialoprotein dephosphorylation. Expression is increased in Gaucher disease, Hodgkin disease, and hairy cell/B-cell/T-cell leukemias.

APPLICATION

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

IHC	1:200-1:500

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

OVERVIEW

Description	Rabbit monoclonal antibody to Tartrate-resistant acid phosphatase type 5 (TRAP5/ACP5)
Specificity	Recognizes Tartrate-resistant acid phosphatase type 5 / TRAP5 / ACP5
Antibody Type	Primary antibody, Recombinant
Immunogen	Recombinant protein within Human Tartrate-resistant acid phosphatase type 5 aa 126-325 / 325
Molecular Weight	Predicted band size: 37 kDa
Purification	Protein A affinity purified
Isotype	IgG
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Alternative Names	ACP5; TRAP; TR-AP; TRACP 5; TrATPase; Type 5 acid phosphatase; Acid phosphatase 5, tartrate resistant
Gene Symbol	ACP5
Entrez Gene	54(Human)
SwissProt	P13686(Human)

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

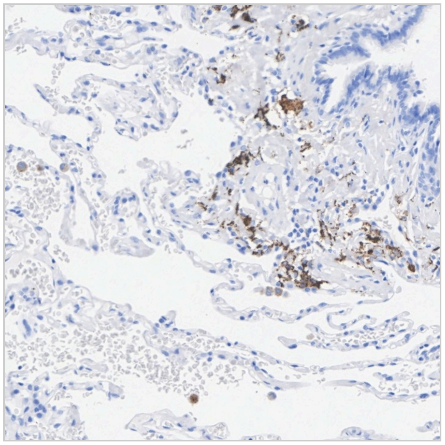
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Immunohistochemical analysis of paraffin-embedded human lung tissue using Tartrate-resistant acid phosphatase type 5 Rabbit Monoclonal Antibody(ARA618) at 1:500 dilution.

STORAGE

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

NOTE

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

More information: www.arexbio.com