DATASHEET

Telomerase reverse transcriptase/TERT Rabbit Monoclonal Antibody(ARA617)

CAT. NO. ARA6317

KEY FEATURES

Target:	Telomerase reverse transcriptase/TERT	Clone ID:	ARA617
Source/Host:	Rabbit	Reactivity:	Human
Clonality:	Monoclonal	Applications:	IHC
Storage:	at-20°C		

BACKGROUND

Telomerase is a ribonucleoprotein enzyme that adds telomeric repeats to chromosome ends, maintaining telomere length and genomic stability. TERT is the catalytic subunit and rate-limiting component of telomerase. TERT is reactivated in most human cancers and is a key factor in cellular immortalization.

APPLICATION

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

IHC	1:50-1:200

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

OVERVIEW

Description	Rabbit monoclonal antibody to Telomerase reverse transcriptase (TERT)
Specificity	Recognizes Telomerase reverse transcriptase / TERT
Antibody Type	Primary antibody
Immunogen	Recombinant protein within Human TERT
Molecular Weight	Predicted 127 kD; Observed 127 kD
Purification	Immunogen affinity chromatography
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Alternative Names	TERT; Telomerase reverse transcriptase; EST2; TRT; TP2; TCS1; hEST2; hTRT; CMM9; DKCA2; DKCB4
Gene Symbol	TERT
Entrez Gene	7015(Human)
SwissProt	O14746(Human), O70372(Mouse)

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

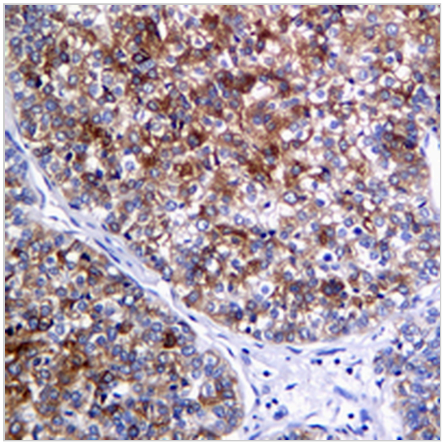
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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Immunohistochemical analysis of Telomerase staining in human hepatocellular carcinoma formalin fixed paraffin embedded tissue section using Telomerase reverse transcriptase/TERT Rabbit Monoclonal Antibody(ARA617).

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