

DATASHEET

CDK4 Rabbit Monoclonal Antibody (ARM609)

CAT. NO. ARM6900

KEY FEATURES

Target	CDK4	Clone ID	ARM609
Source / Host	Rabbit	Reactivity	Human
Applications	IHC	Dilution	1:50-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

CDK4 controls cell growth during the cell cycle G1 phase. It is reported that D-type cyclin upregulates Cdk4 activity, whereas binding to the Cdk inhibitor p16 downregulates Cdk4 activity. Cyclin D-CDK4 complexes integrates various mitogenic and antimitogenic signals and serves as sensitive and specific for atypical lipomatous tumor / well differentiated liposarcoma or dedifferentiated liposarcoma.

APPLICATION

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

Application	IHC
Dilution Ratio	1:50-1:200

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

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG
Positive Control	Liposarcoma
Localization	Nuclear, Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	CDK4
Entrez Gene ID	1019
Uniprot	P11802
Alternative Names	Cyclin-dependent kinase 4; Cell division protein kinase 4; PSK-J3

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

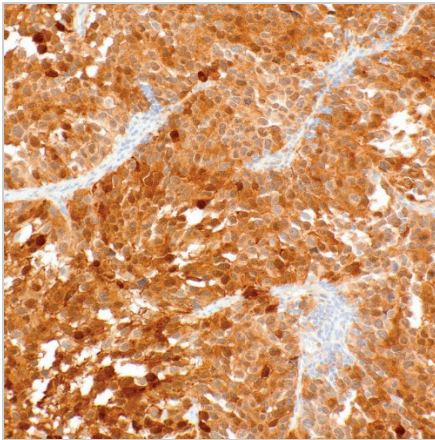
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 rhabdomyosarcoma tissue sections using CDK4 Rabbit Monoclonal Antibody (ARM609).

RESEARCH USE ONLY

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

More information: [www.arexbio.com / cdk4-mouse-monoclonal-antibody-arm609-arm6900](http://www.arexbio.com/cdk4-mouse-monoclonal-antibody-arm609-arm6900)