

Anti-CDK5 Rabbit Monoclonal Antibody

Catalog Number: M00511

About CDK5

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

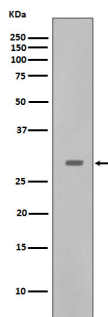
Product Name	Anti-CDK5 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CDK5 Rabbit Monoclonal Antibody catalog # M00511. Tested in WB, IHC, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IHC, WB
Clonality	Monoclonal DAH-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q00535

Technical Details

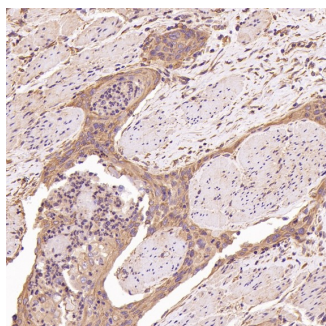
Immunogen	A synthesized peptide derived from human Cdk5
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:1000-1:5000 IHC 1:50-1:200 IP 1:50 FC 1:50
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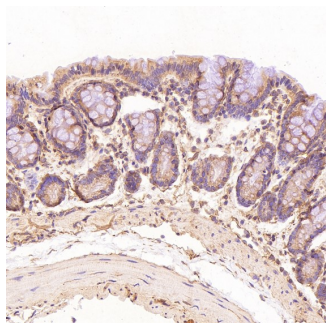
Anti-CDK5 Rabbit Monoclonal Antibody (M00511) Images



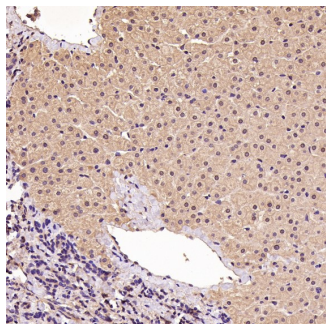
Western blot analysis of CDK5 expression in HeLa cell lysate.



Immunohistochemical analysis of paraffin-embedded Human esophageal carcinoma, using the Antibody at 1:200 dilution.

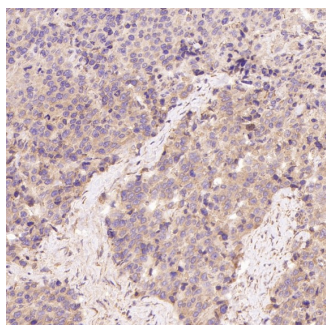
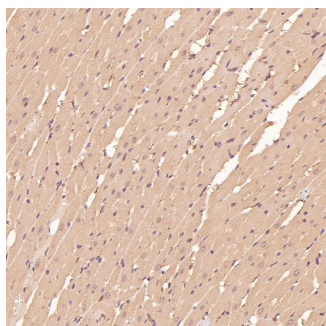


Immunohistochemical analysis of paraffin-embedded Rat stomach, using the Antibody at 1:200 dilution.

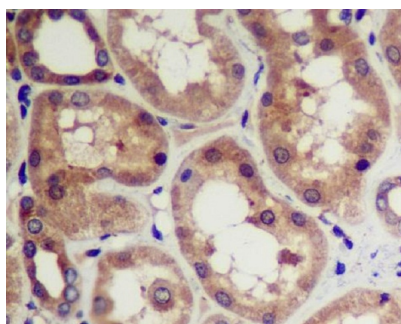


Immunohistochemical analysis of paraffin-embedded Human stomach, using the Antibody at 1:200 dilution.

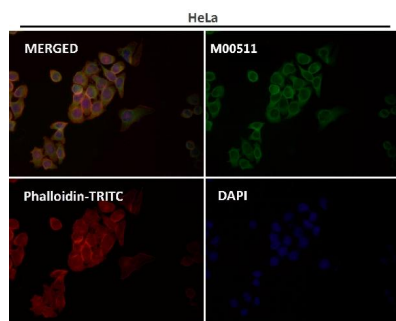
Immunohistochemical analysis of paraffin-embedded Rat heart, using the Antibody at 1:200 dilution.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer, using the Antibody at 1:200 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney, using CDK5 Antibody .



Immunofluorescent analysis using the Antibody at 1:50 dilution.

1 Publications Citing This Product

1. PubMed ID: 25206467, A new treatment for cognitive disorders related to in utero exposure to alcohol

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