

## Product Datasheet

### CDK5 Antibody (C-term) (orb1926918)

<b>Catalog Number</b>	orb1926918
<b>Category</b>	Antibodies
<b>Description</b>	Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	CDK5 (HGNC:1774)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Other, Rat
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Immunogen</b>	This CDK5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 254-289 amino acids from the C-terminal region of human CDK5.
<b>UniProt ID</b>	<b>Q00535</b>
<b>MW</b>	33304 Da
<b>Tested applications</b>	FC, IF, WB
<b>Dilution range</b>	IF - 1:25, WB - 1:1000, FC - 1:25

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**Storage**

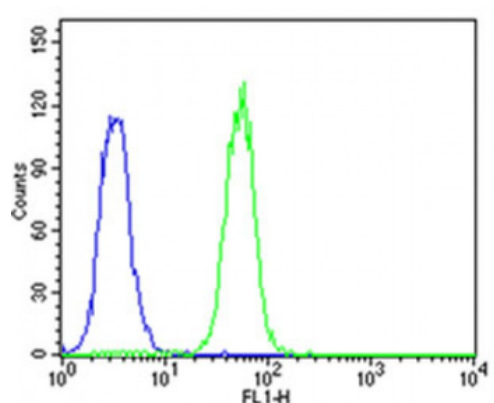
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

**Note**

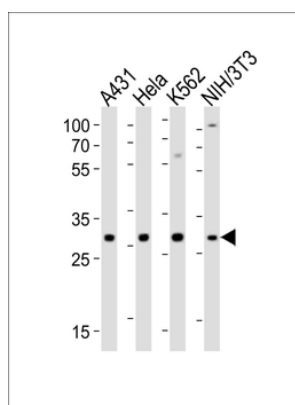
For research use only

**Expiration Date**

12 months from date of receipt.



Flow cytometric analysis of K562 cells using CDK5 Antibody (C-term) (green) compared to an isotype control of rabbit IgG (blue). Diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



Western blot analysis of lysates from A431, HeLa, K562, mouse NIH/3T3 cell line (from left to right), using CDK5 Antibody (C-term). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 ug per lane.

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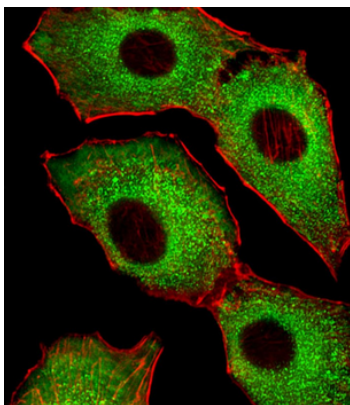
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Fluorescent image of A549 cells stained with CDK5 Antibody (C-term). Diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

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