

Recombinant Anti-CDK2 Rabbit mAb Product Manual

Cat No: GMA1089

Source: Rabbit

Reactivity: H, M, R

Applications: WB, IH

*Application Key:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit, S - Sheep,
Z - Zebrafish

*Species Reactivity Key:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry, IC -
Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA - Electrophoretic
Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA interference

Datasheet

Description: Recombinant rabbit monoclonal antibody to CDK2

Immunogen: Recombinant fusion protein of human CDK2. The exact sequence is proprietary.

Purification: The antibody was purified by immunogen affinity chromatography.

Clonality: Monoclonal

Form: Liquid in PBS, pH 7.3, 50% glycerol, and 0.05% Proclin300.

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/500)

Gene Symbol: CDK2

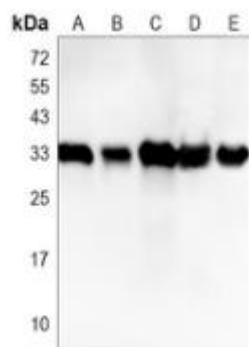
Alternative Names: CDKN2; Cyclin-dependent kinase 2; Cell division protein kinase 2; p33 protein kinase

Entrez Gene (Human): 1017;

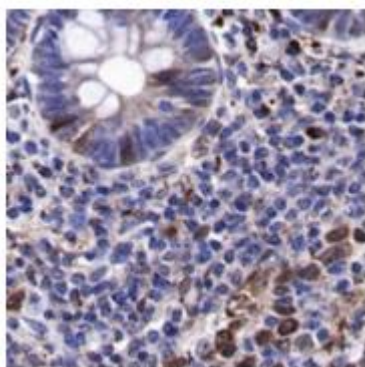
SwissProt (Human): P24941;

Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Validation



Western blot analysis of CDK2 expression in A2780 (A), U87 (B), A375 (C), mouse testis (D), rat spleen (E) whole cell lysates. (Predicted band size: 60 kD; Observed band size: 60 kD)



Immunohistochemical analysis of CDK2 staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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