

Datasheet for ABIN7540202
anti-CDKN2A antibody (AA 3-154)



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Overview

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| Quantity: | 20 µL |
| Target: | CDKN2A |
| Binding Specificity: | AA 3-154 |
| Reactivity: | Mouse |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This CDKN2A antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

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| Purpose: | Monoclonal Antibody to Cyclin Dependent Kinase Inhibitor 2A (CDKN2A) |
| Immunogen: | Recombinant Cyclin Dependent Kinase Inhibitor 2A (CDKN2A) corresponding to Ser3~Thr154 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a mouse monoclonal antibody raised against CDKN2A. It has been selected for its ability to recognize CDKN2A in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

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| Target: | CDKN2A |
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Target Details

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| Alternative Name: | Cyclin Dependent Kinase Inhibitor 2A (CDKN2A Products) |
| Background: | P16, ARF, CDK4I, CMM2, INK4, INK4a, MLM, MTS1, TP16, P14, P14ARF, P16INK4a, P19, Melanoma P16, Cyclin-dependent kinase 4 inhibitor A, Multiple tumor suppressor 1 |
| Pathways: | Mitotic G1-G1/S Phases , Stem Cell Maintenance , Positive Regulation of Endopeptidase Activity , Autophagy , Positive Regulation of Response to DNA Damage Stimulus |

Application Details

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| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |