

Product Datasheet

p27/Kip1 Antibody (DCS-72.F6) [Janelia Fluor® 669] NBP2-47770JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47770JF669

p27/Kip1 Antibody (DCS-72.F6) [Janelia Fluor® 669]

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | DCS-72.F6 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Janelia Fluor 669 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Host | Mouse |
| Gene ID | 1027 |
| Gene Symbol | CDKN1B |
| Species | Human, Mouse, Rat, Monkey |
| Specificity/Sensitivity | Recognizes a 27kDa protein, identified as the p27Kip1, a cell cycle regulatory mitotic inhibitor. Its epitope spans between aa 83-204 of p27. It is highly specific and shows no cross-reaction with other related mitotic inhibitors. p27Kip1 functions as a negative regulator of G1 progression and has been proposed to function as a possible mediator of TGF- induced G1 arrest. p27Kip1 is a candidate tumor suppressor gene. This monoclonal antibody co-precipitates cdk4 in complex p27Kip1 and is excellent for staining of formalin-fixed tissues. |
| Immunogen | Recombinant full-length Mouse p27/Kip1 protein (Uniprot: P46527) |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-47770JF669

| | |
|------------------|--|
| NBP1-72503-100ug | Recombinant Human p27/Kip1 His Protein |
| H00001027-T02 | p27/Kip1 293T Cell Transient Overexpression Lysate |
| NB500-106 | PCNA Antibody (PC10) |
| NB200-103 | p53 Antibody (PAb 240) - BSA Free |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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