

## Product datasheet for **DM281-05**

### **p27 KIP 1 (CDKN1B) Mouse Monoclonal Antibody [Clone ID: DCS-72.F6]**

#### **Product data:**

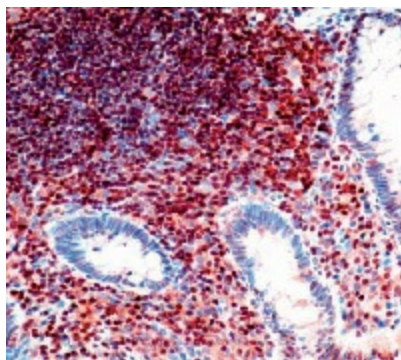
|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Clone Name:           | DCS-72.F6  |
| Applications:         | IHC  |
| Recommended Dilution: | <b>Immunoprecipitation:</b> 1/50.<br><b>Western Blot:</b> 1/50-1/100.<br><b>Immunohistochemistry on Formalin-Fixed Paraffin Embedded Sections: Use at</b> 1/25-1/50<br>in an ABC method (30-60 minutes at RT).<br>High temperature antigen unmasking with 10 mM Citrate buffer, pH 6.0 prior to immunostaining is required.<br><i>Recommended Positive Control:</i> Colan carcinoma. |
| Reactivity:           | Human, Mouse   |
| Host:                 | Mouse  |
| Isotype:              | IgG1   |
| Clonality:            | Monoclonal   |
| Immunogen:            | BALB/C mice were injected with Mouse recombinant p27 protein.  |
| Specificity:          | This antibody is specific to a protein of 27 kDa known as p27 <sup>Kip1</sup> a cell cycle regulatory mitotic inhibitor.<br>This antibody recognizes an epitope between amino acids 83-204 of p27. It doesnot show any cross reactivity with other related mitotic inhibitors.<br>Cellular Localization: Nuclear.  |
| Formulation:          | State: Supernatant<br>State: Liquid purified Ig fraction<br>Preservative: Sodium Azide   |
| Conjugation:          | Unconjugated   |
| Storage:              | Store the antibody undiluted at 2-8°C.   |
| Stability:            | Shelf life: one year from despatch.  |
| Gene Name:            | cyclin-dependent kinase inhibitor 1B   |
| Database Link:        | <a href="#">Entrez Gene 1027 Human P46527</a>  |



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Synonyms: p27Kip1

**Product images:**



Formalin fixed paraffin embedded human colon carcinoma stained with p27Kip1 antibody Cat.-No DM281