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| **Product name:** | MonoMethyl-p53 (Lys370) (4C7) Mouse Monoclonal Antibody |
| **Cat number:** | MABN00778 |
| **Conjugate:** | Unconjugated |
| **Size:** | 100µL |
| **Clone:** | Monoclonal |
| **Concentration:** | 1mg/ml |
| **Host:** | Mouse |
| **Isotype:** | IgG1 |
| **Immunogen:** | A synthetic Methylated peptide corresponding to residues target protein |
| **Reactivity:** | Human,Rat,Mouse |
| **Applications:** | IHC 1:50-1:100 |
| **Purification:** | Affinity Purification |
| **Form:** | Liquid |
| **Buffer:** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. |
| **Storage:** | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| **Background:** | Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains. |