# Rabbit Polyclonal Antibody to Heat Shock Protein 70 (HSP 70)

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| **Catalog No.:** | RP 015, RP 015-05 |
| **Intended Use:** | This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person (s) when evaluating and interpreting results. |
| **Immunogen:** | Purified heat shock protein (Dnak) from E. coli. |
| **Host:** | Rabbit |
| **Format:** | Whole rabbit antiserum against human HSP 70 containing sodium azide as a preservative. |
| **Titer/Working Dilution:** | This antibody may be diluted to a titer of 1:75-1:250 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed. |
| **Staining Protocol:** | We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. |
| **Specificity:** | This antibody reacts with the two major human HSP 70s (HSP 72 and HSP 73). It stains epithelial cells in many different tissues e.g. tonsil, stomach, small and large intestine, bile ducts, ovary, and prostate. |
| **Positive Control:** | Breast carcinoma |
| **Cellular Localization:** | Cytoplasmic, nuclear |
| **Storage:** | Store at 2-8°C. Do not use beyond the expiration date stated on the label. |
| **References:** | i) Rothman J E Cell 59: 591, 1989.<br>ii) Flaherty et al. Nature 346: 623, 1990. |



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