

## Anti-HSPA4 antibody [5A6] (STJ98143)

STJ98143

### GENERAL INFORMATION

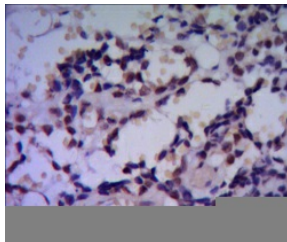
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|--------------------------|--|
| <b>Product Type</b>      | Primary antibodies   |
| <b>Short Description</b> | Mouse monoclonal antibody anti-Heat Shock 70 Kda Protein 4 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications. |
| <b>Applications</b>      | WB, IHC-P, IF, ICC, ELISA  |
| <b>Host/Source</b>       | Mouse  |
| <b>Reactivity</b>        | Human  |

### PRODUCT PROPERTIES

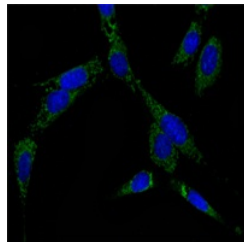
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|----------------------------|--|
| <b>Clonality</b>           | Monoclonal   |
| <b>Clone ID</b>            | 5A6  |
| <b>Concentration</b>       |  |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Purification</b>        | The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads. |
| <b>Dilution Range</b>      | WB 1:500-1:2000<br>IHC 1:200-1:1000<br>IF 1:200-1:1000<br>ELISA 1:10000  |
| <b>Formulation</b>         | Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.   |
| <b>Isotype</b>             | IgG1   |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                         |

### TARGET INFORMATION

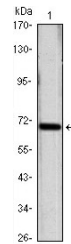
|                           |  |
|---------------------------|--|
| <b>Gene ID</b>            | 3308   |
| <b>Gene Symbol</b>        | HSPA4  |
| <b>Uniprot ID</b>         | HSP74_HUMAN  |
| <b>Immunogen</b>          | Purified recombinant fragment of human HSP70 expressed in E.coli.  |
| <b>Region</b>             |  |
| <b>Specificity</b>        | HSPA4 monoclonal antibody (Heat Shock 70 Kda Protein 4) binds to endogenous Heat Shock 70 Kda Protein 4. |
| <b>Immunogen Sequence</b> |  |



Immunohistochemistry analysis of paraffin-embedded human breast cancer with DAB staining using HSP70 monoclonal antibody.



Immunofluorescence analysis of NIH/3T3 cells using HSP70 monoclonal antibody (green). Blue: DAPI fluorescent DNA dye.



Western blot analysis using HSP70 monoclonal antibody against HeLa (1) cell lysate.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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