

**MOUSE ANTI-HEAT SHOCK PROTEIN 70 (HSP70)
MONOCLONAL ANTIBODY**

CATALOG NUMBER:	MAB3516
LOT NUMBER:	
QUANTITY:	500 μ L
CONCENTRATION:	200 μ g/mL
SPECIFICITY:	Reacts with both the constitutive (HSP73) and inducible (HSP72) forms of HSP70.
IMMUNOGEN:	HSP70 from HeLa cells.
ISOTYPE:	IgG _{2a}
APPLICATIONS:	Immunoblotting: 0.5-1 μ g/mL (for 2 hours at room temperature). Immunohistochemistry (frozen and formalin/paraffin): 2-4 μ g/mL for 30 minutes at room temperature. Staining of formalin fixed tissue sections requires boiling the tissue sections in 10mM citrate buffer, pH 6.0 for 10-20 minutes followed by cooling at room temperature for 20 minutes. Immunocytochemistry Immunoprecipitation: 2 μ g/mg protein lysate (use Protein A) Flow cytometry Optimal working dilutions must be determined by end user.
POSITIVE CONTROL:	HeLa cells, BT474 cells or breast carcinoma.
CELLULAR LOCALIZATION:	Nuclear and cytoplasmic.
SPECIES REACTIVITY:	Human, monkey, bovine. Other species have not been tested.
FORMAT:	Purified immunoglobulin.
PRESENTATION:	Liquid in 10 mM PBS, pH 7.4 with 0.2% BSA and 0.09% sodium azide.
STORAGE/HANDLING:	Maintain at 2-8°C in undiluted aliquots for up to 6 months after date of receipt.
Important Note:	<i>During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.</i>

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