



MOUSE ANTI-HEAT SHOCK PROTEIN 60 (HSP60) MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB3514
LOT NUMBER:	
QUANTITY:	500 µL
CONCENTRATION:	200 µg/mL
SPECIFICITY:	Reacts with a 60 kDa protein identified as heat shock protein 60 (hsp60) (1). The epitope recognized by MAB3514 is located between amino acids 383-447 of human hsp60 (1).
IMMUNOGEN:	Recombinant hsp60 protein (1).
ISOTYPE:	IgG ₁
APPLICATIONS:	Immunoblotting: 1-2 µg/mL Immunohistochemistry (frozen and formalin/paraffin): 1-2 µg/mL. 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 Electron Microscopy (1) Immunoprecipitation (Nature and denatured): 2 µg/mg of protein lysate using Protein G. Optimal working dilutions must be determined by end user.
POSITIVE CONTROL:	BT474 or MAD109 cells or breast carcinoma.
CELLULAR LOCALIZATION:	Cytoplasmic.
SPECIES REACTIVITY:	Human (1), rat (1), mouse, hamster and chicken. Does not react with bacteria, helminthes or spinach (1).
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.
REFERENCE:	1) Boog, C.J. et al., <i>J. Experimental Medicine</i> (1992) 175 :1805-1810.



Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L 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.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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