

Monoclonal Mouse Antibody to Heat Shock Protein 60

Catalog No.:	Mob 313, Mob 313-05
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:	BALB/C mice were injected with recombinant HSP 60 protein.
Clone:	LK 1
Isotype:	IgG1
Format:	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:75 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. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody is specific to a 60 kD protein, HSP60, a potential antigen in a number of autoimmune diseases including human arthritis. This antibody recognizes only mammalian HSP60 and not bacterial HSP60. It cross reacts with human, mouse, rat, hamster, and chicken.
Positive Control:	Breast carcinoma
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use it beyond the expiration date stated on the label.
References:	i) Boog et al. J Exp Med 175: 1805, 1992

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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