

Anti-Hsp60 (N-terminal region) Antibody



Product Details

Available Variants	100 µL (SKU:HM4381)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M438
Gene Name	HSPD1
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone M438 was generated from a recombinant protein corresponding to amino acid residues in the N-terminal region of human Hsp60. This sequence has high homology to similar regions in rat and mouse Hsp60.
Specificity	This antibody detects a 60 kDa* protein corresponding to the apparent molecular mass of Hsp60 on SDS-PAGE immunoblots of human Jurkat and rat A7r5 cells. In immunocytochemistry, anti-Hsp60 specifically stains mitochondria in paraformaldehyde fixed and NP-40 permeabilized cells.
Molecular Weight	60
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID P10809

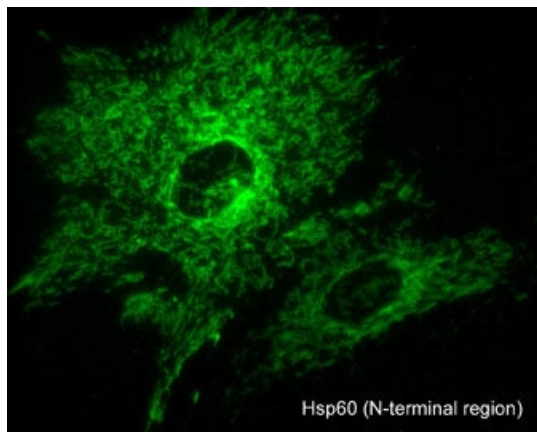
Country of Origin United States

Shipping Blue Ice

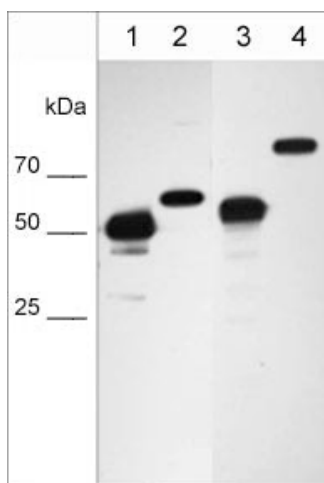
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Immunocytochemical labeling of Hsp60 in mitochondria in paraformaldehyde-fixed and NP40-permeabilized A7r5 cells. The cells were labeled with mouse monoclonal Hsp60 (HM4381). The antibody was detected using goat anti-mouse DyLight® 488.



Western blot image of cell structure markers in NCI-H1915 lung carcinoma cells. The blot was probed with anti-Vimentin intermediate filament protein VM4341 (lane 1), anti-Nucleoporin p62 NM4361 (lane 2), anti-Hsp60 mitochondrial protein HM4381 (lane 3), and anti-Calnexin endoplasmic reticulum protein CM4371 (lane 4).



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