

## Product Datasheet

### Hsp60 Antibody (orb1925739)

<b>Catalog Number</b>	orb1925739
<b>Category</b>	Antibodies
<b>Description</b>	Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	HSPD1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Bovine
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Immunogen</b>	This Hsp60 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 340-374 amino acids from the human region of human Hsp60.
<b>UniProt ID</b>	<b>P10809</b>
<b>MW</b>	61055 Da
<b>Tested applications</b>	IF, IHC-P, WB
<b>Dilution range</b>	IF - 1:25, WB - 1:2000, IHC-P - 1:25

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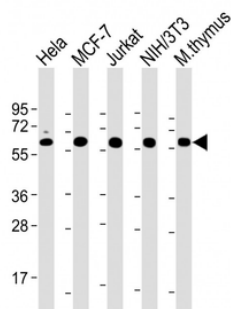
#### Biorbyt LLC

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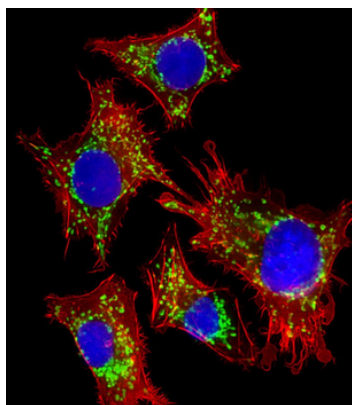
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



All lanes: Anti-Hsp60 Antibody at 1:2000 dilution. Lane 1: HeLa whole cell lysate. Lane 2: MCF-7 whole cell lysate. Lane 3: Jurkat whole cell lysate. Lane 4: NIH/3T3 whole cell lysate. Lane 5: mouse thymus lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 61 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HepG2 (human liver hepatocellular carcinoma cell line) cells labeling Hsp60 at 1/25 dilution, followed by Dylight 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HepG2 cell line. The nuclear counter stain is DAPI (blue).

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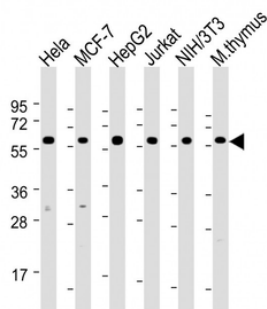
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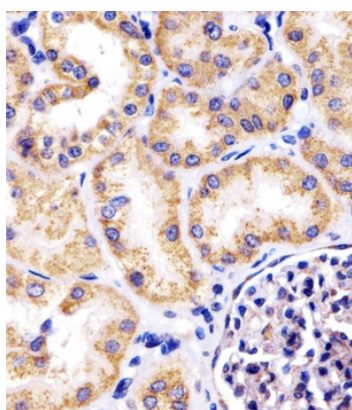
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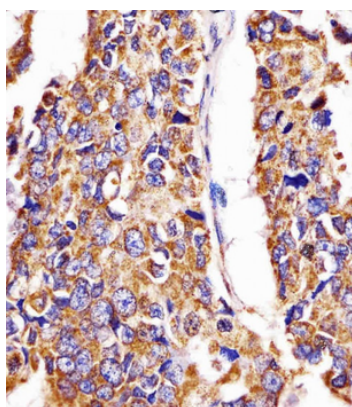
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Staining Hsp60 in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



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