

Product Datasheet

HSC70 Mouse Monoclonal Antibody (orb704174)

Catalog Number	orb704174
Category	Antibodies
Description	HSC70 Mouse Monoclonal Antibody
Target	HSPA8
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein G
Immunogen	Recombinant human HSC70 Protein
UniProt ID	P11142
MW	68 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB

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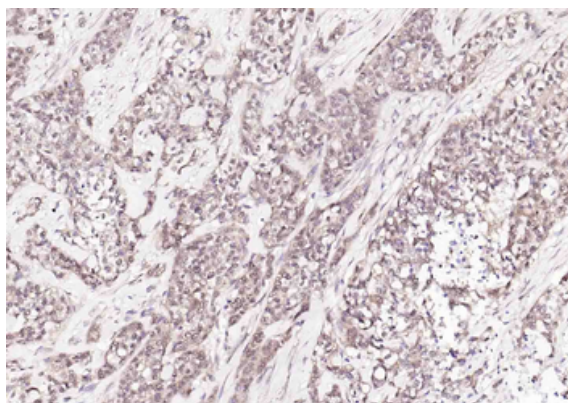
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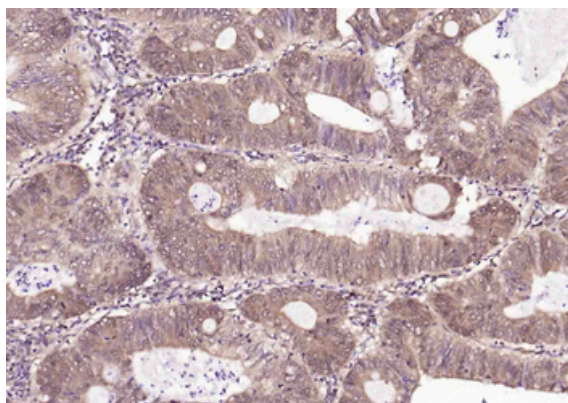
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Dilution range	WB=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Clone Number	B0E9
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (HSC70) Monoclonal Antibody, Unconjugated (orb704174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (HSC70) Monoclonal Antibody, Unconjugated (orb704174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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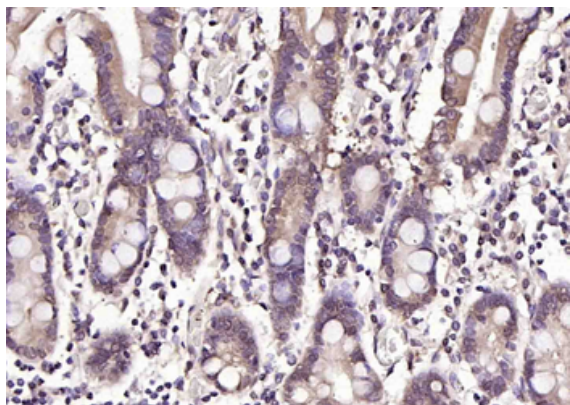
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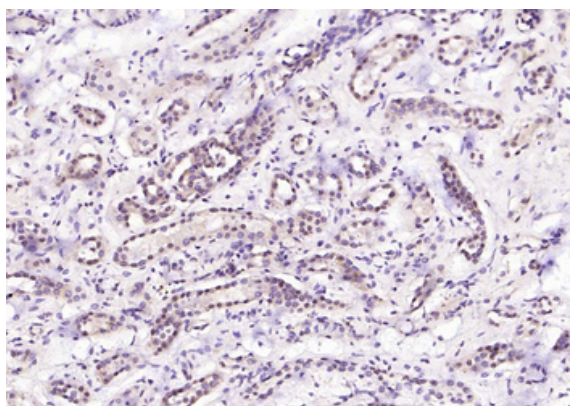
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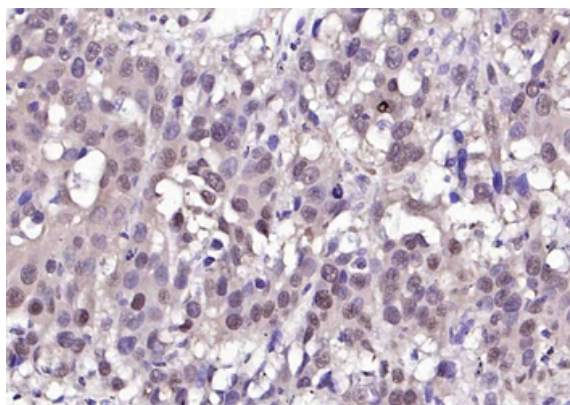
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Paraformaldehyde-fixed, paraffin embedded (Human duodenum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (HSC70) Monoclonal Antibody, Unconjugated (orb704174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human kidney), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (HSC70) Monoclonal Antibody, Unconjugated (orb704174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human lung carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (HSC70) Monoclonal Antibody, Unconjugated (orb704174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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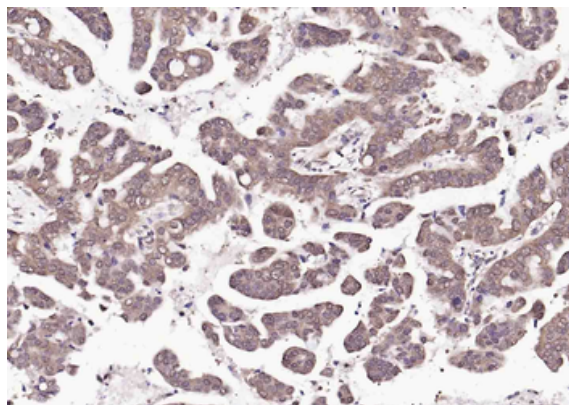
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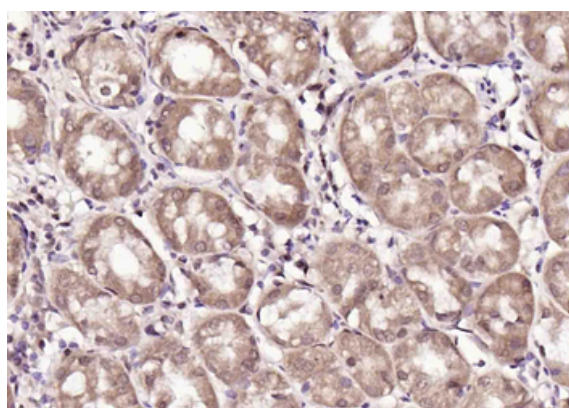
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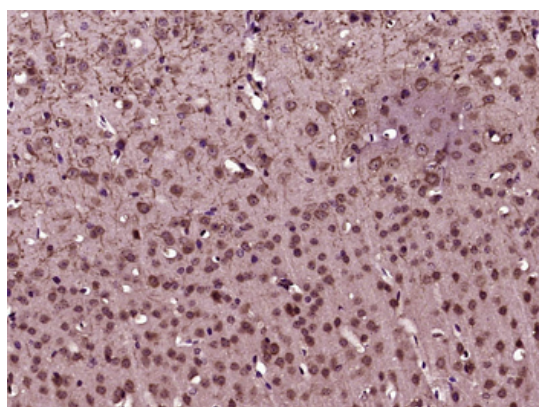
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Paraformaldehyde-fixed, paraffin embedded (Human stomach), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (HSC70) Monoclonal Antibody, Unconjugated (orb704174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (HSC70) Monoclonal Antibody, Unconjugated (ascites of orb704174 8C7) at 1:2000 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

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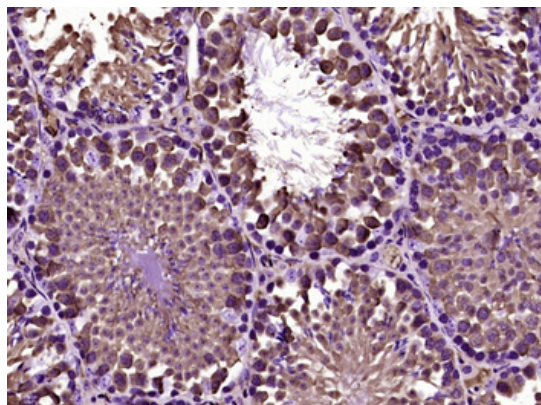
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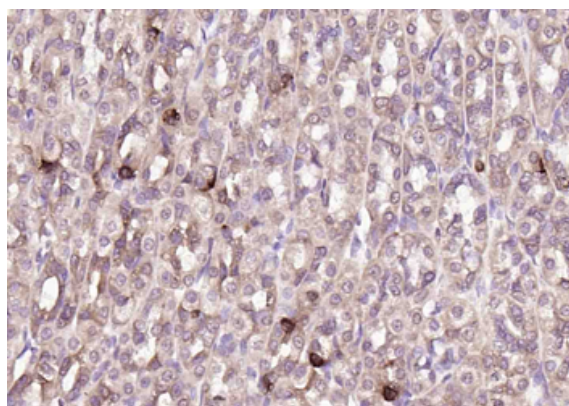
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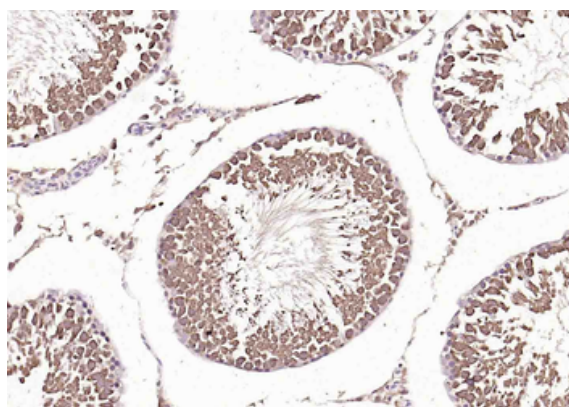
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Paraformaldehyde-fixed, paraffin embedded (Mouse testis), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (HSC70) Monoclonal Antibody, Unconjugated (ascites of orb704174 8C7) at 1:2000 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat stomach), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (HSC70) Monoclonal Antibody, Unconjugated (orb704174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat testis), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (HSC70) Monoclonal Antibody, Unconjugated (orb704174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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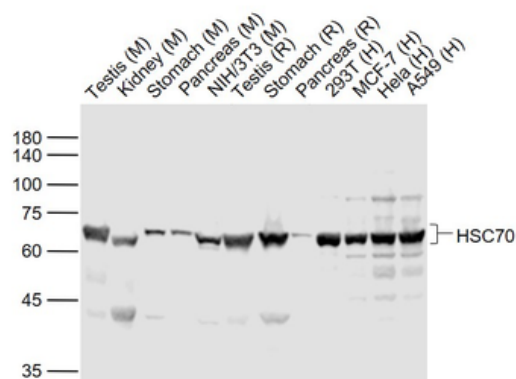
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Sample: Lane 1: Testis (Mouse) Lysate at 40 ug, Lane 2: Kidney (Mouse) Lysate at 40 ug, Lane 3: Stomach (Mouse) Lysate at 40 ug, Lane 4: Pancreas (Mouse) Lysate at 40 ug, Lane 5: NIH/3T3 (Mouse) Cell Lysate at 30 ug, Lane 6: Testis (Rat) Lysate at 40 ug, Lane 7: Stomach (Rat) Lysate at 40 ug, Lane 8: Pancreas (Rat) Lysate at 40 ug, Lane 9: 293T (Human) Cell Lysate at 30 ug, Lane 10: MCF-7 (Human) Cell Lysate at 30 ug, Lane 11: HeLa (Human) Cell Lysate at 30 ug, Lane 12: A549 (Human) Cell Lysate at 30 ug, Primary: Anti-HSC70 (orb704174) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 70 kD, Observed band size: 68 kD.

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