

Product Datasheet

Calreticulin Mouse Monoclonal Antibody (orb783105)

Catalog Number	orb783105
Category	Antibodies
Description	Calreticulin Mouse Monoclonal Antibody
Target	CALR
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1, k
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 CALR.
UniProt ID	P27797
MW	44 kDa

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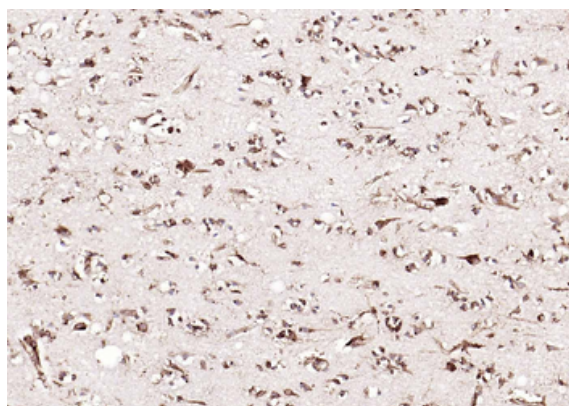
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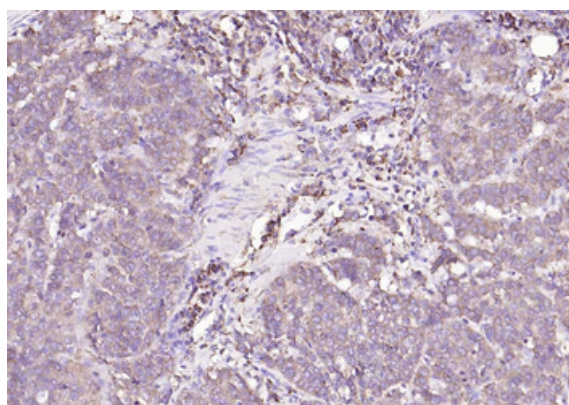
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Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:400-800, IF=1:100-500
Antibody Type	Primary Antibody
Clone Number	G3F7
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage 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 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 (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human esophageal cancer), 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 (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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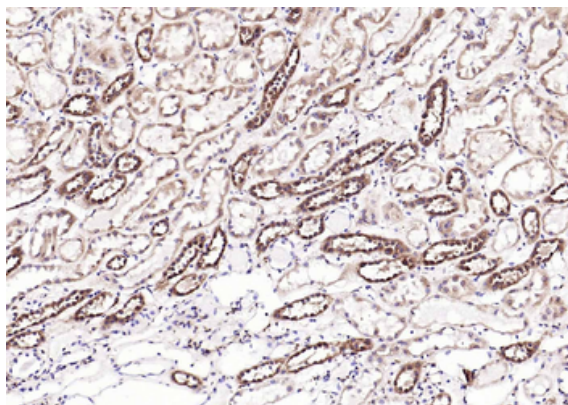
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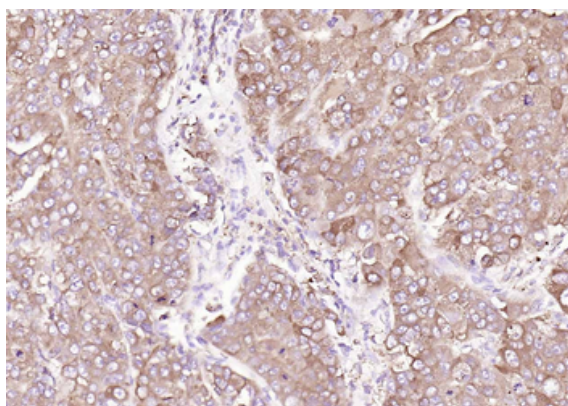
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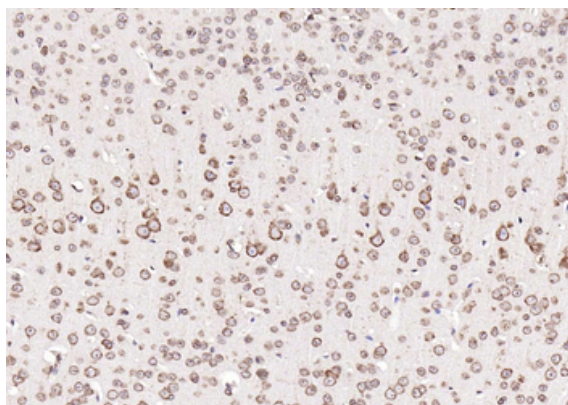
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Paraformaldehyde-fixed, paraffin embedded (human kidney), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human liver 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 (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) 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 (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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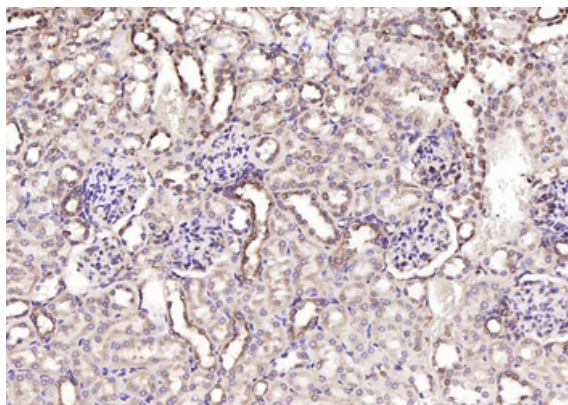
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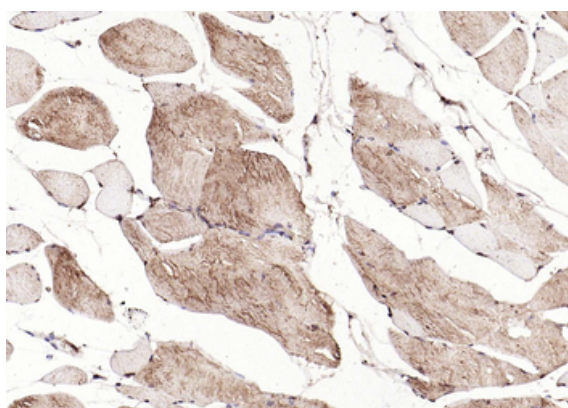
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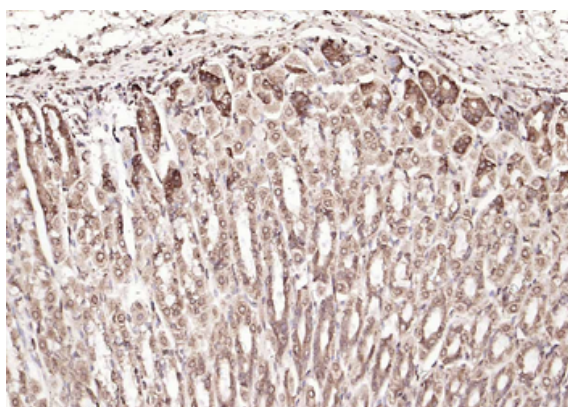
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Paraformaldehyde-fixed, paraffin embedded (mouse kidney), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse skeletal muscle), 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 (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse 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, Antibody incubation with (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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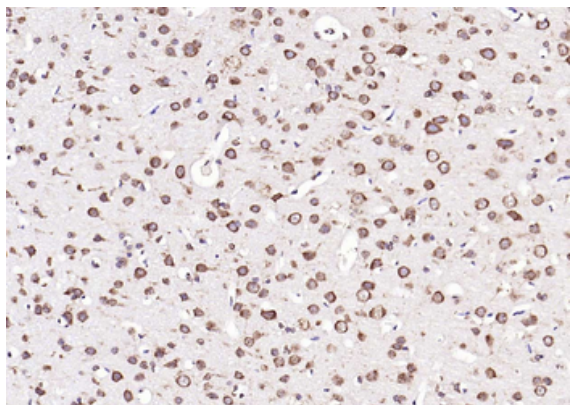
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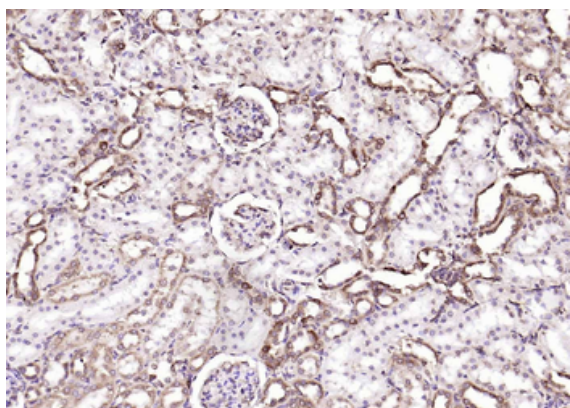
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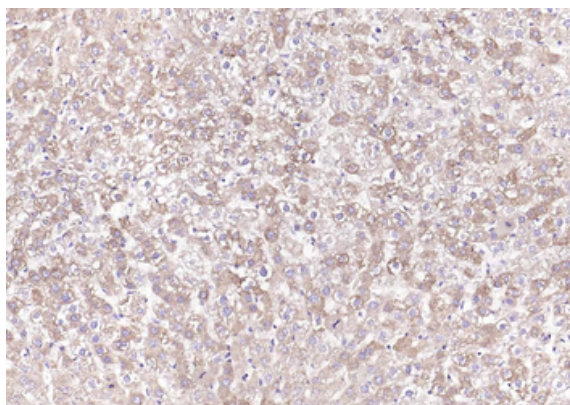
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Paraformaldehyde-fixed, paraffin embedded (rat brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat 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, Antibody incubation with (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat liver), 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 (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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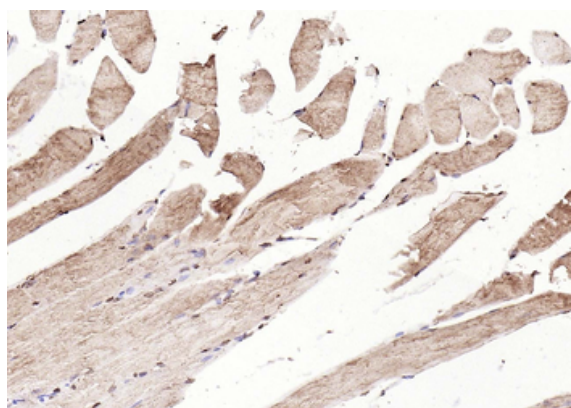
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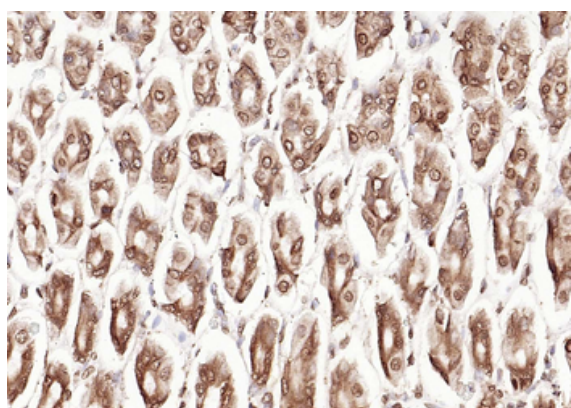
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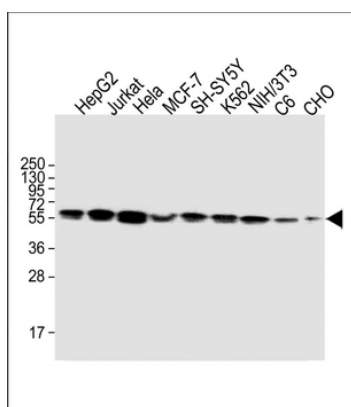
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Paraformaldehyde-fixed, paraffin embedded (rat skeletal muscle), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions 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, Antibody incubation with (Calreticulin) Monoclonal Antibody, Unconjugated (orb783105) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Sample: Lane 1: HepG2 cell lysates, Lane 2: Jurkat cell lysates, Lane 3: Hela cell lysates, Lane 4: MCF-7 cell lysates, Lane 5: SH-SY5Y cell lysates, Lane 6: K562 cell lysates, Lane 7: NIH/3T3 cell lysates, Lane 8: C6 cell lysates, Lane 9: CHO cell lysates, Primary: Anti-Calreticulin (orb783105) at 1/2000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 44 kD, Observed band size: 56 kD.

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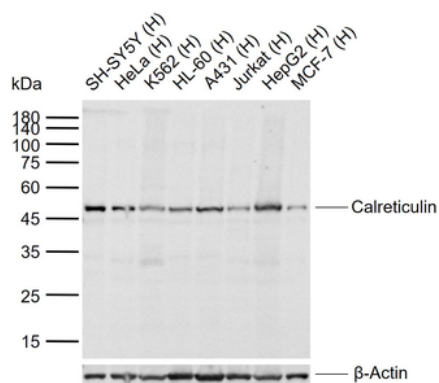
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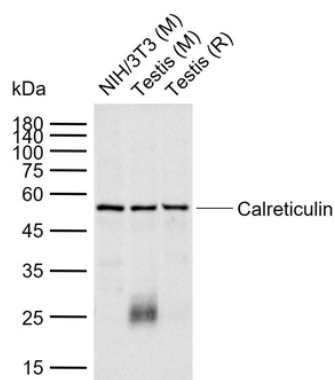
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Sample: Lane 1: Human SH-SY5Y cell lysates, Lane 2: Human HeLa cell lysates, Lane 3: Human K562 cell lysates, Lane 4: Human HL-60 cell lysates, Lane 5: Human A431 cell lysates, Lane 6: Human Jurkat cell lysates, Lane 7: Human HepG2 cell lysates, Lane 8: Human MCF-7 cell lysates, Primary: Anti-Calreticulin (orb783105) at 1/1000 dilution, Secondary: Alexa Fluor 790 AffiniPure Goat Anti-Mouse IgG, light chain specific, Predicted band size: 44 kDa, Observed band size: 50 kDa.



Sample: Lane 1: Mouse NIH/3T3 cell lysates, Lane 2: Mouse Testis tissue lysates, Lane 3: Rat Testis tissue lysates, Primary: Anti-Calreticulin (orb783105) at 1/1000 dilution, Secondary: Alexa Fluor 790 AffiniPure Goat Anti-Mouse IgG, light chain specific, Predicted band size: 44 kDa, Observed band size: 55 kDa.

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