

Product Datasheet

IRF1 Recombinant Rabbit Monoclonal Antibody (orb559092)

Catalog Number	orb559092
Description	IRF1 Recombinant Rabbit Monoclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Mouse
Conjugation	Unconjugated
Tested Applications	FC, ICC, IF, IHC-Fr, IHC-P, WB
Immunogen	Recombinant human IRF1 protein, around C-terminal 100aa
Target	IRF1
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
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
Isotype	IgG
Clonality	Recombinant
Clone Number	3G7
Antibody Type	Recombinant Antibody

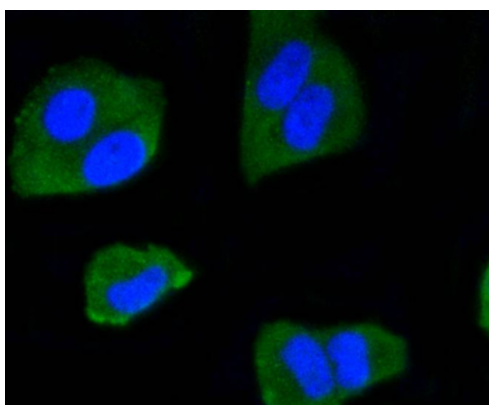
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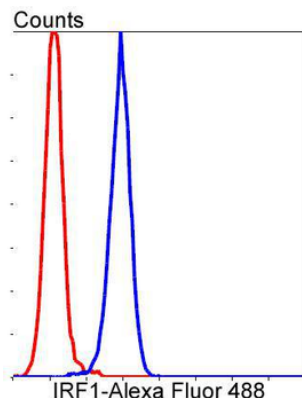
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MW	37 kDa
Uniprot ID	P10914
Dilution Range	WB=1:500-2000, IHC-P=1:50-200, IHC-F=1:50-200, ICC/IF=1:50, IF=1:50-200, Flow-Cyt=1:50
Expiration Date	12 months from date of receipt.



Hela cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (IRF1) monoclonal Antibody, Unconjugated (orb559092) 1:50, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



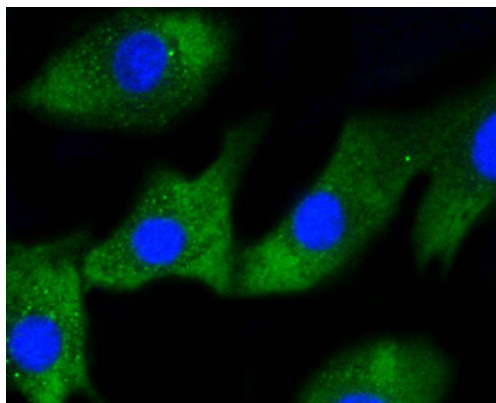
Blank control: Jurkat. Primary Antibody (green line): Rabbit Anti-IRF1 antibody (orb559092), dilution: 1:50, Secondary Antibody: Goat anti-rabbit IgG-AF488, dilution: 1:1000. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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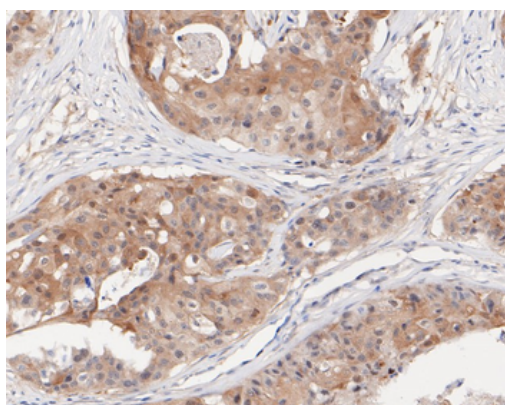
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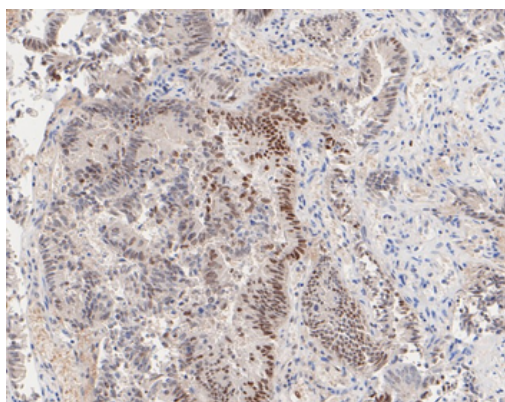
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NIH/3T3 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (IRF1) monoclonal Antibody, Unconjugated (orb559092) 1:50, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



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, Antibody incubation with (IRF1) Monoclonal Antibody, Unconjugated (orb559092) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



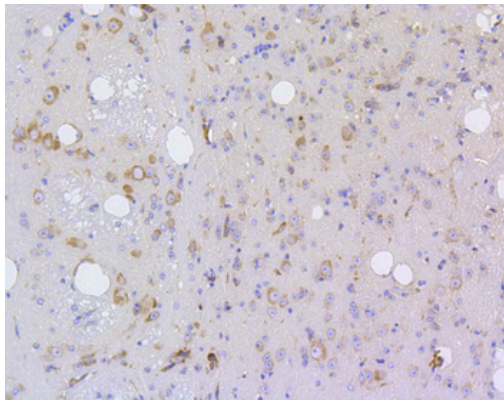
Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (IRF1) Monoclonal Antibody, Unconjugated (orb559092) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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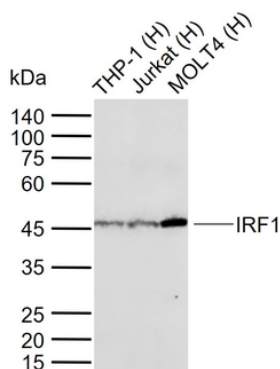
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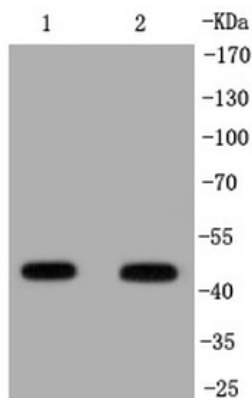
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Paraformaldehyde-fixed, paraffin embedded (mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (IRF1) Monoclonal Antibody, Unconjugated (orb559092) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Human THP-1 cell lysates, Lane 2: Human Jurkat cell lysates, Lane 3: Human MOLT4 cell lysates, Primary: Anti-IRF1 (orb559092) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 37 kDa, Observed band size: 46 kDa.



Sample: Lane 1: PC-12 cell lysates, Lane 2: Jurkat cell lysates, Primary: Anti-IRF1 (orb559092) at 1/500 dilution, Secondary: Goat Anti-Rabbit IgG - HRP at 1/5000 dilution, Predicted band size: 37 kD, Observed band size: 48 kD.

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