

Product Datasheet

Caspase 8 Rabbit Polyclonal Antibody (orb10241)

Catalog Number	orb10241
Category	Antibodies
Description	Caspase 8 Rabbit Polyclonal Antibody
Target	CASP8
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Rat
Predicted Reactivity	Bovine, Canine, Equine, Mouse, Porcine
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 A
Immunogen	KLH conjugated synthetic peptide derived from rat Caspase-8 subunit p10 (411-482/482aa)
UniProt ID	Q9JHX4
RRID	AB_10747552

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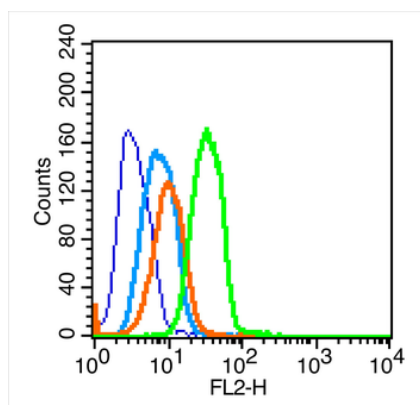
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MW	12/55 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg /Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For 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.



Blank control (blue line): U251 (blue). Primary Antibody (green line): Rabbit Anti-caspase-8 antibody (orb10241), Dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE, Dilution: 1 µg/test. Protocol, The cells were fixed with 70% ethanol overnight at 4°C and then permeabilized with 0.1% PBS-Tween for 20 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2% BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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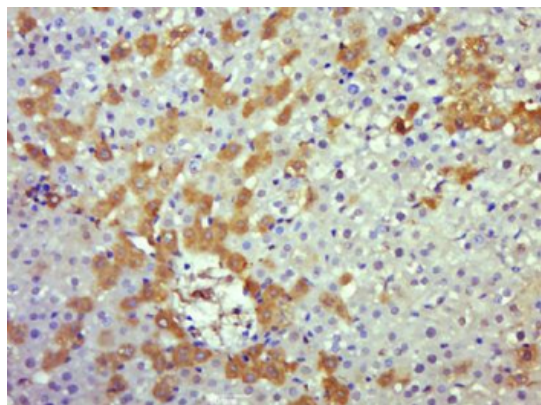
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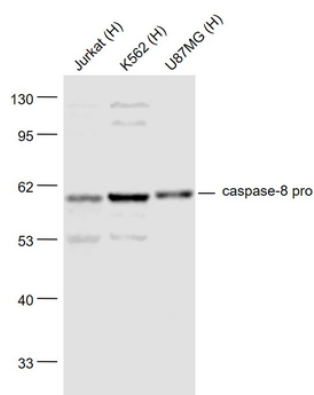
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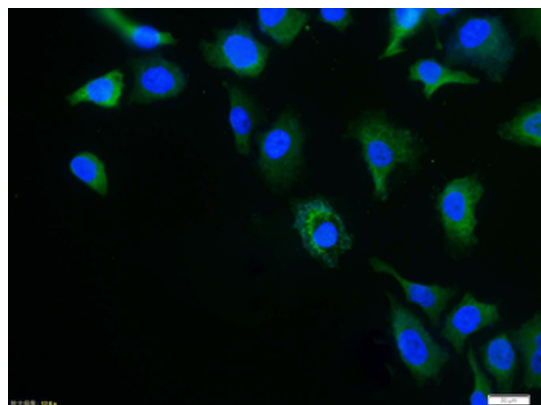
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Paraformaldehyde-fixed, paraffin embedded (rat liver), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Caspase 8) Polyclonal Antibody, Unconjugated (orb10241) at 1:500 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Jurkat (Human) Cell Lysate at 30 ug, K562 (Human) Cell Lysate at 30 ug, U87MG (Human) Cell Lysate at 30 ug, Primary: Anti-caspase-8 subunit p18 (orb10241) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 55/18 kD, Observed band size: 57 kD.



Tissue/cell: 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 (Caspase 8) polyclonal Antibody, Unconjugated (orb10241) 1:100, 90 minutes at 37°C, followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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