

Product Datasheet

[KO Validated] Caspase-3 Rabbit pAb (orb153764)

Catalog Number	orb153764
Category	Antibodies
Description	Rabbit polyclonal antibody to Caspase 3
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.
Purification	Affinity purification
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 55-160 of human Caspase-3 (NP_004337.2).
UniProt ID	P42574
MW	32kDa
Tested applications	ELISA, IF, IHC-P, WB
Dilution range	WB: 1:500-1000, IHC-P: 1:50-200, IF/ICC: 1:20-100, IP: 1:20-100
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.

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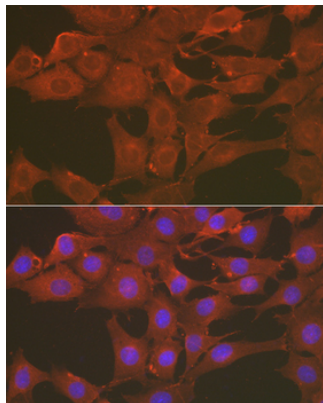
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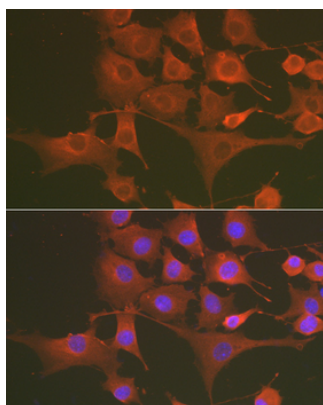
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Note For research use only

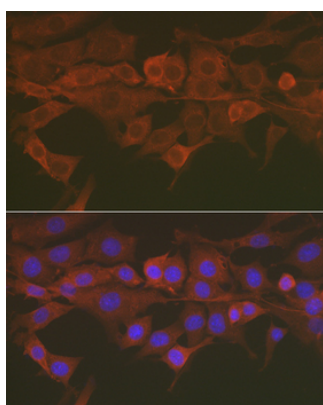
Expiration Date 12 months from date of receipt.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

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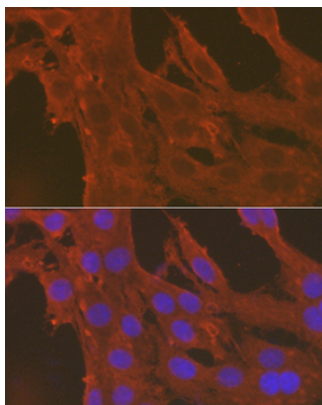
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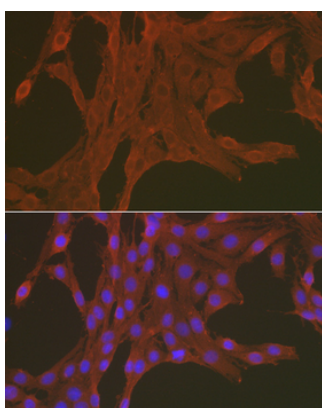
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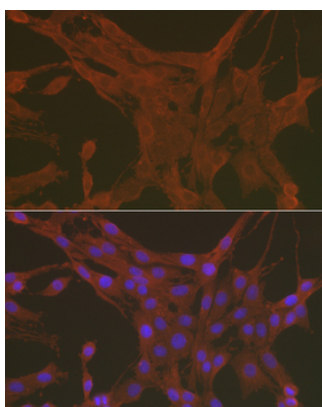
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Immunofluorescence analysis of PC-12 cells using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

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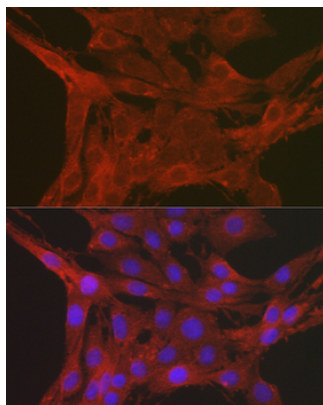
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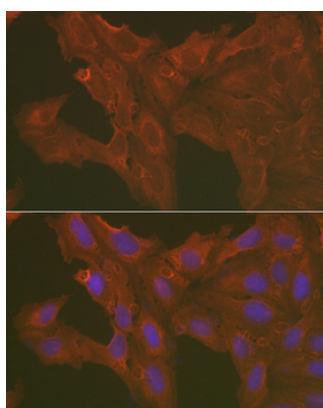
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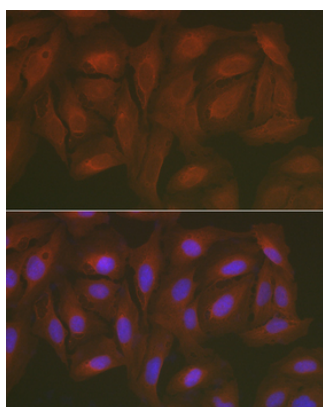
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Immunofluorescence analysis of U2OS cells using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

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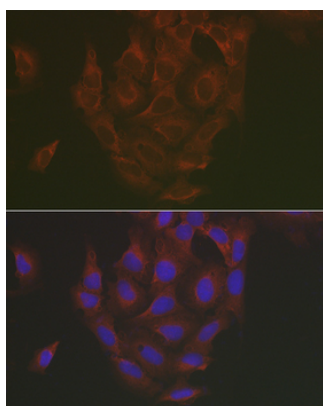
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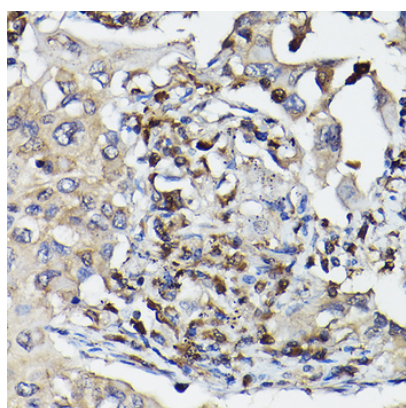
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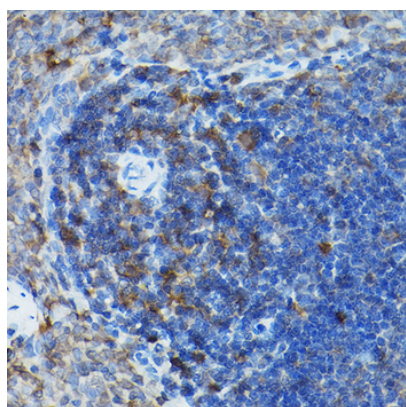
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Immunofluorescence analysis of U2OS cells using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using [KO Validated] Caspase-3 p17 Rabbit pAb (orb153764) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using [KO Validated] Caspase-3 p17 Rabbit pAb (orb153764) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

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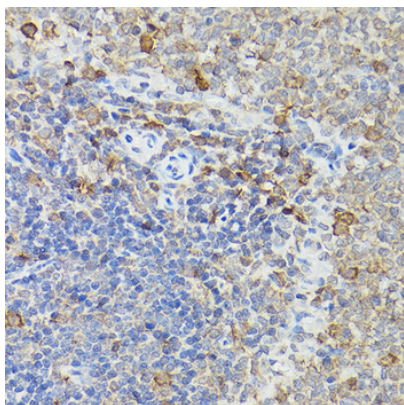
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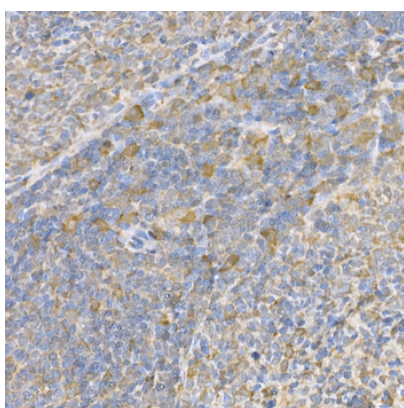
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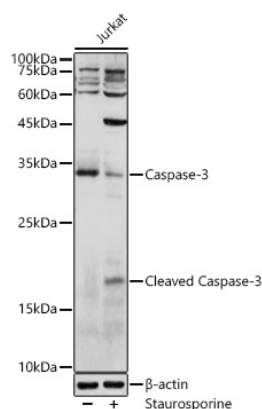
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Immunohistochemistry analysis of paraffin-embedded Rat spleen using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using Caspase-3 Rabbit pAb (orb153764) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Western blot analysis of lysates from Jurkat cells, using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at 1:1000 dilution. Jurkat cells were treated by staurosporine(1 uM) for 3 hour. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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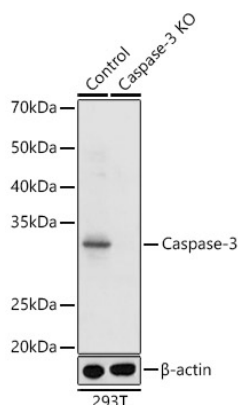
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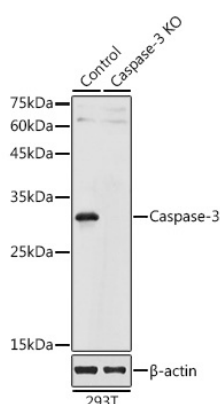
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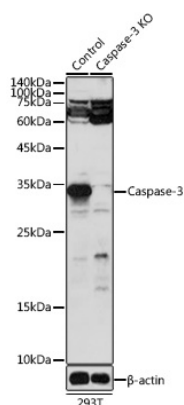
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Western blot analysis of lysates from wild type (WT) and Caspase-3 knockout (KO) 293T cells, using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of lysates from wild type (WT) and Caspase-3 knockout (KO) 293T cells, using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



Western blot analysis of lysates from wild type (WT) and Caspase-3 knockout (KO) 293T cells, using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

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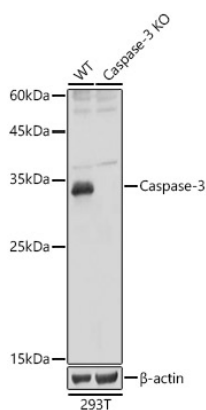
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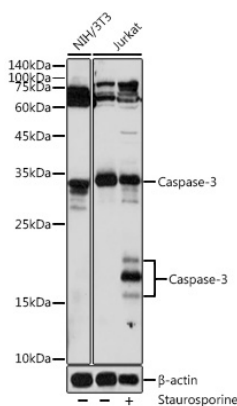
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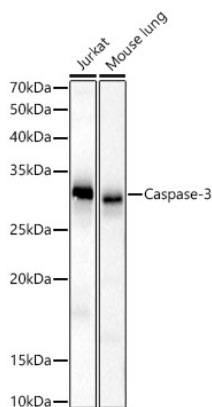
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Western blot analysis of lysates from wild type(WT) and Caspase-3 knockout (KO) 293T cells, using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of various lysates using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at 1:1000 dilution. Jurkat cells were treated by staurosporine(1 µM) for 3 hour. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of various lysates using [KO Validated] Caspase-3 Rabbit pAb (orb153764) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

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