

## Product Datasheet

### CD8 Rabbit Polyclonal Antibody (orb1718)

<b>Catalog Number</b>	orb1718
<b>Category</b>	Antibodies
<b>Description</b>	CD8 Rabbit Polyclonal Antibody
<b>Target</b>	CD8A
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from rat CD8 (51-150/235aa)
<b>MW</b>	34 kDa
<b>Tested applications</b>	WB
<b>Dilution range</b>	WB=1:500-2000
<b>Antibody Type</b>	Primary Antibody

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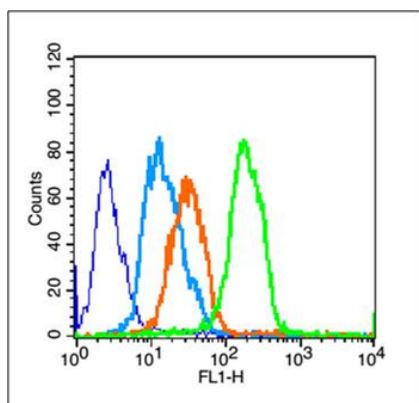
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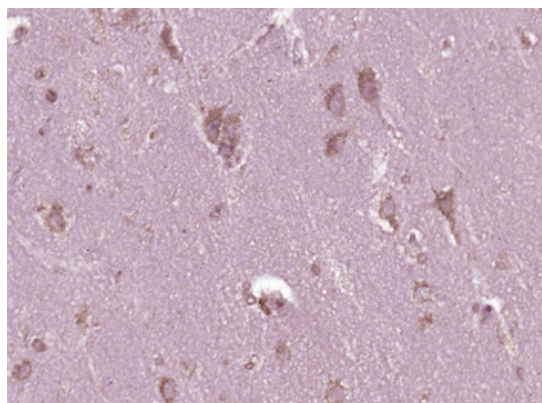
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- Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
- Note** For research use only
- Expiration Date** 12 months from date of receipt.



Blank control (blue line): U251 (fixed with 70% ethanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 30 min on ice), Primary Antibody (green line): Rabbit Anti-CD8 antibody (orb1718), dilution: 1 µg/10<sup>6</sup> cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, dilution: 1 µg/Test.



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma), 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 (CD8) Polyclonal Antibody, Unconjugated (orb1718) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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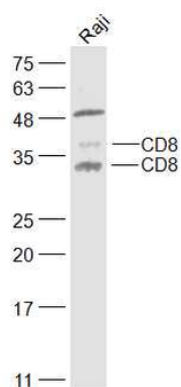
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Sample: Raji (Human) Cell Lysate at 30 ug, Primary: Anti-CD8 (orb1718) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 27 kD, Observed band size: 32/37 kD.

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