

Product Datasheet

Dnmt3b Rabbit Polyclonal Antibody (orb500943)

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| Catalog Number | orb500943 |
| Category | Antibodies |
| Description | Dnmt3b Rabbit Polyclonal Antibody |
| Target | DNMT3B |
| Clonality | Polyclonal |
| Species/Host | Rabbit |
| Isotype | IgG |
| Conjugation | Unconjugated |
| Reactivity | Human, Mouse |
| Predicted Reactivity | Canine, Equine, Rabbit |
| 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 human Dnmt3b (251-350/853aa) |
| UniProt ID | Q9UBC3 |
| MW | 94 kDa |
| Tested applications | FC, WB |

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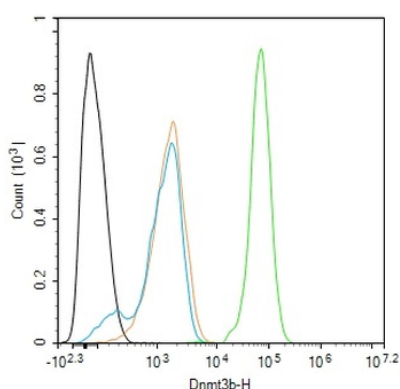
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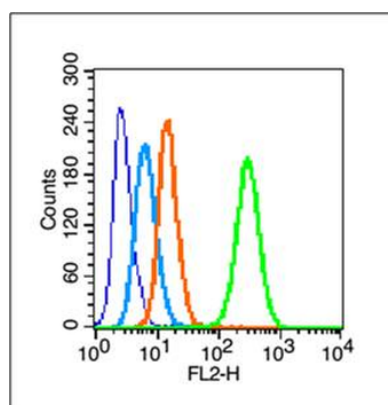
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| | |
|------------------------|---|
| Dilution range | WB=1:500-2000, Flow-Cyt=2µg/Test |
| Antibody Type | Primary Antibody |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |



Blank control (black line): K562. Primary Antibody (green line): Rabbit Anti-Dnmt3b antibody (orb500943), dilution: 2 µg/Test, Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF488, dilution: 0.5 µg/Test. Isotype control (orange line): Normal Rabbit IgG, 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.



Blank control (blue line): HepG2 (fixed with 70% methanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C). Primary Antibody (green line): Rabbit Anti-Dnmt3b antibody (orb500943), dilution: 0.2 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE, dilution: 1 µg/Test.

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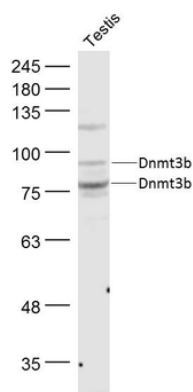
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Sample: Testis (Mouse) Lysate at 40 ug, Primary: Anti-Dnmt3b (orb500943) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 94 kD, Observed band size: 80/94 kD.

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