

Product Datasheet

Rabbit anti-AKT1 Recombinant Monoclonal Antibody (orb1733246)

| | |
|----------------------------|---|
| Description | AKT1 Antibody |
| Species/Host | Rabbit |
| Reactivity | Human, Mouse |
| Conjugation | Unconjugated |
| Tested Applications | FC, WB |
| Immunogen | Between 100 and 150 |
| Target | AKT1 |
| Preservatives | Borate Buffered Saline (BBS) pH 8.2 with 0.1% rAlbumin and 0.09% Sodium Azide |
| Form/Appearance | Whole IgG |
| Concentration | 400 µg/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 |
| Application notes | Format: Whole IgG |
| Clonality | Recombinant |
| Clone Number | BLR245L |
| Antibody Type | Primary Antibody |
| Uniprot ID | P31749 |

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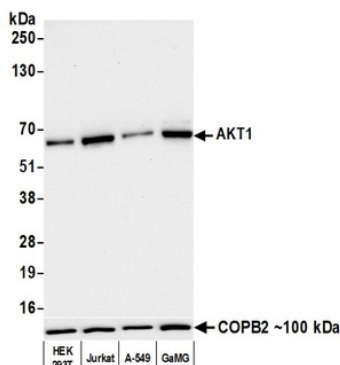
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Dilution Range

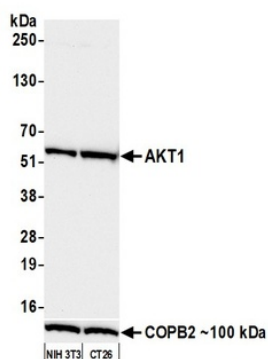
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Expiration Date

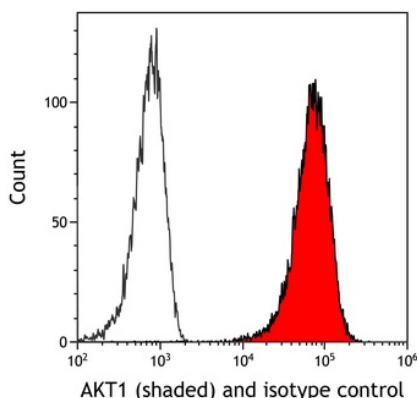
12 months from date of receipt.



Detection of human AKT1 by western blot. Samples: Whole cell lysate (10 μ g) from HEK293T, Jurkat, A-549, and GaMG cells prepared using NETN lysis buffer. Antibody: Rabbit anti-AKT1 recombinant monoclonal antibody (orb1733246) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of mouse AKT1 by western blot. Samples: Whole cell lysate (25 μ g) from NIH 3T3 and CT26 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-AKT1 recombinant monoclonal antibody (orb1733246) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody.



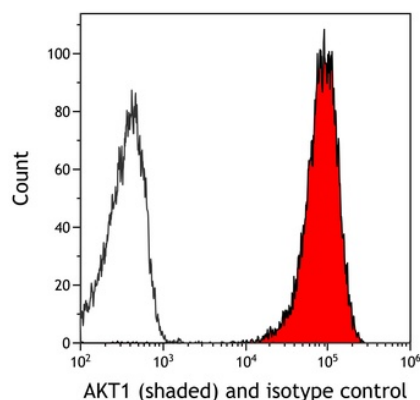
Detection of human AKT1 (shaded) in FaDu cells by flow cytometry. Antibody: Rabbit anti-AKT1 recombinant monoclonal antibody (orb1733246) or isotype control (unshaded). Secondary: DyLight® 650-conjugated goat anti-rabbit IgG.

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Detection of mouse AKT1 (shaded) in CTLL-2 cells by flow cytometry. Antibody: Rabbit anti-AKT1 recombinant monoclonal antibody (orb1733246) or isotype control (unshaded). Secondary: DyLight® 650-conjugated goat anti-rabbit IgG.

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