

Product Datasheet

Rabbit AKT1 Recombinant Monoclonal Antibody (orb1733248)

Catalog Number	orb1733248
Category	Antibodies
Description	AKT1 Antibody
Target	AKT1
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	Liquid
Concentration	400 µg/ml
Buffer/Preservatives	Borate Buffered Saline (BBS) pH 8.2 with 0.1% rAlbumin and 0.09% Sodium Azide
Purification	Purified
Immunogen	Between 100 and 150
UniProt ID	P31749
Tested applications	FC, WB

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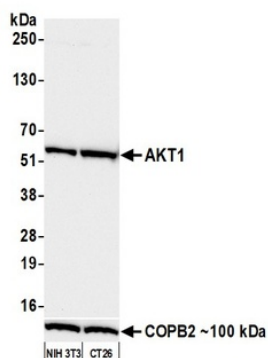
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Dilution range	Application : Flow-Cyt , ApplicationDilutionRange : Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10 ⁶ cells. , Application : WB , ApplicationDilutionRange : 1:1000
Application notes	Format: Whole IgG
Antibody Type	Primary Antibody
Clone Number	BLR245L
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
NCBI	NP_005154.2
Expiration Date	12 months from date of receipt.



Detection of mouse AKT1 by western blot. Samples: Whole cell lysate (25 µg) from NIH 3T3 and CT26 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-AKT1 recombinant monoclonal antibody (orb1733248) 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.

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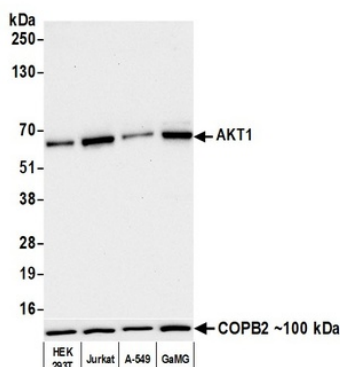
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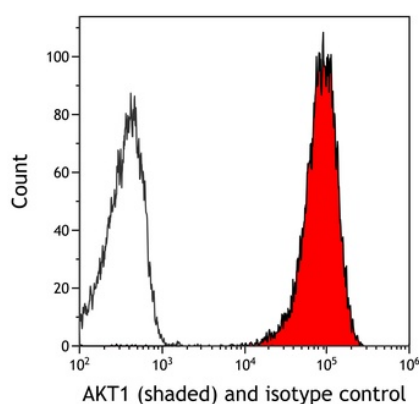
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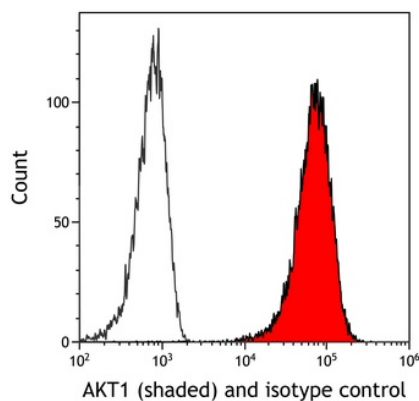
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Detection of human AKT1 by western blot. Samples: Whole cell lysate (10 µg) from HEK293T, Jurkat, A-549, and GaMG cells prepared using NETN lysis buffer. Antibody: Rabbit anti-AKT1 recombinant monoclonal antibody (orb1733248) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of mouse AKT1 (shaded) in CTLL-2 cells by flow cytometry. Antibody: Rabbit anti-AKT1 recombinant monoclonal antibody (orb1733248) or isotype control (unshaded). Secondary: DyLight® 650-conjugated goat anti-rabbit IgG.



Detection of human AKT1 (shaded) in FaDu cells by flow cytometry. Antibody: Rabbit anti-AKT1 recombinant monoclonal antibody (orb1733248) or isotype control (unshaded). Secondary: DyLight® 650-conjugated goat anti-rabbit IgG.

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