

Product Datasheet

AKT2 Antibody (11F6.B2) - BSA Free **NBP2-44216-0.05mg**

Unit Size: 0.05 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP2-44216-0.05mg

AKT2 Antibody (11F6.B2) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11F6.B2
Preservative	0.01% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

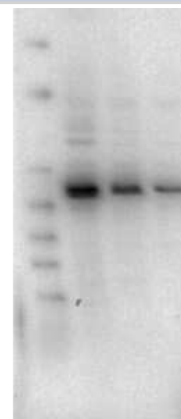
Product Description	
Description	<p>This antibody was purified from concentrated tissue culture supernate by Protein G chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rat
Gene ID	208
Gene Symbol	AKT2
Species	Human
Reactivity Notes	Cross reactivity with AKT2 from other species has not been determined, however, the sequence of the immunogen shows 88% identity to mouse and 90% identity with rat, therefore, cross reactivity is expected
Specificity/Sensitivity	Anti-AKT2 antibody is directed against human AKT2. The antibody detects both unphosphorylated and phosphorylated forms of the protein.
Immunogen	AKT2 Antibody (11F6.B2) was produced by repeated immunizations with a synthetic peptide corresponding to internal residues of human AKT2 protein. (Uniprot: P31751)

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:2000-1:10000, Immunohistochemistry 20 ug/ml
Application Notes	This product is tested for ELISA and western blotting. This antibody is suitable for immunohistochemistry. Expect a band approximately 56 kDa in size corresponding to AKT2 protein by western blotting in the appropriate cell lysate or extract. This monoclonal antibody reacts with human AKT. Specific conditions for reactivity should be optimized by the end user. For immunohistochemistry we recommend the use of fresh frozen tissues. Attempts at staining paraffin-embedded formalin fixed tissues were negative. No pre-treatment of sample is required.

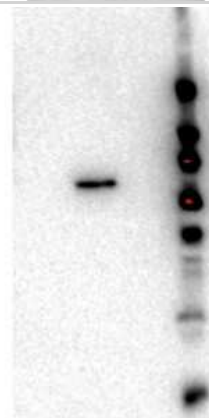


Images

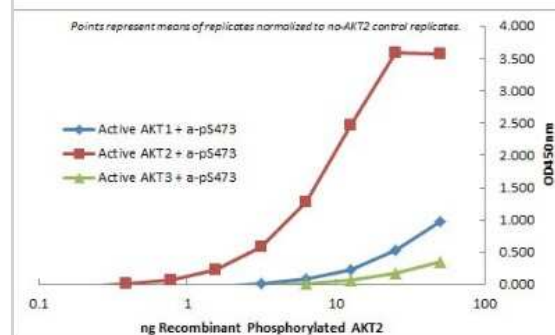
Western Blot: AKT2 Antibody (11F6.B2) [NBP2-44216] - lane 1: LnCap lysate Lane 2: Jurkat lysate. Lane 3: MDA-MB 468 lysate. Load: 5 Ug per lane.



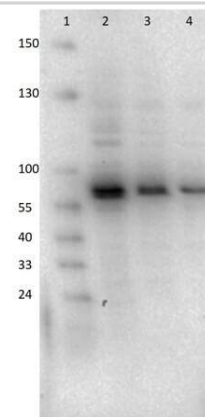
Western Blot: AKT2 Antibody (11F6.B2) [NBP2-44216] - lane 1: GST-AKT1. Lane 2: GST-AKT2. Lane 3: GST-AKT3. Load: 50 ng per lane.



ELISA: AKT2 Antibody (11F6.B2) [NBP2-44216] - ELISA of Rat Monoclonal anti-AKT2 Antigen: GST AKT1, GST AKT2, GST AKT3. Coating amount: starting from 50 ng/well.



Western Blot of AKT2 Antibody (11F6.B2) antibody. Lane 1: Molecular Weight Marker. Lane 2: LnCap lysate





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-44216-0.05mg

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)
NBP2-55812PEP	AKT2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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