

www.biorbyt.com

## **Product Datasheet**

Human AKT2 (phosphatase treated) protein (orb346470)

# biorbvt

Descriptionnts. Human AKT2 (phosphatase treated) protein Conjugation Unconjugated Tested SDS-PAGE, WB Applications Preservatives None Liquid Form/Appearance Concentration 1.17mg/ml Storage Store vial at -70° C prior to use. Thaw only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. For long term storage we recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL) . For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature. Note For research use only **Application notes** Human AKT2 (phosphatase treated) recombinant protein has been tested by SDS-page and western blot and is suitable as a control for polyclonal or monoclonal anti-AKT2 in immunological assays. Akt2 recombinant protein is dephosphorylated and in an inactive state. It is well suited as a control for anti-AKT pT308 which detects phosphorylated T308 residue, and anti-AKT pS473, that detects phosphorylated S473. For western blot use at 50 ng or less. For other assays concentration is user optimized. Purity Recombinant protein corresponds to amino acids 1 to 479 of mature human AKT2; Akt isoform 2. The recombinant protein contains a polyhistidine affinity tag at the amino terminus. Purity is greater than 90% as determined by reducing and nonreducing SDS-PAGE and by analytical HPLC. Source Human Uniprot ID P31751 NCBI P31751 **Dilution Range** WB: 50ng

#### **Expiration Date** 6 months from date of receipt.

### Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom

Email: info@biorbyt.com | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

## www.biorbyt.com

245 -	
100 -	100 C
75 -	Sec. 1
63 -	states where a summer
48 -	
35 -	
25 -	-
20 -	-
17 -	
11 -	

kDa

Western blot analysis of Human Recombina...

kDa	Μ	1
150 -		
100 -		
80 -		
60 -		
50 -		
40 -		
30 -		
20 -		

Western blot analysis of Human Recombina...

Biorbyt LLC.

68 TW Alexander Drive<br>Research Triangle Park<br>Durham, North Carolina<br>27709. United States Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558