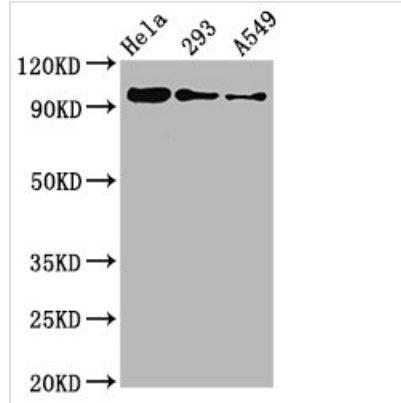




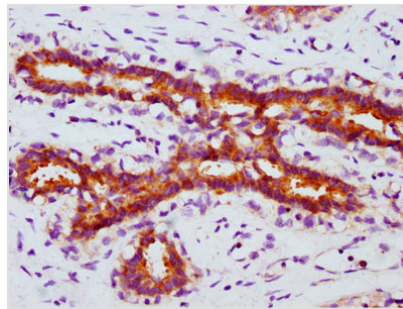
# Phospho-FOXO3 (S253) Recombinant Monoclonal Antibody

|                            |   |
|----------------------------|---|
| <b>Product Code</b>        | CSB-RA008836A253phHU  |
| <b>Abbreviation</b>        | Forkhead box protein O3   |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.   |
| <b>Uniprot No.</b>         | O43524  |
| <b>Immunogen</b>           | A synthesized peptide derived from Human Phospho-FOXO3 (S253)   |
| <b>Species Reactivity</b>  | Human   |
| <b>Tested Applications</b> | ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200   |
| <b>Relevance</b>           | Transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress. Recognizes and binds to the DNA sequence 5'-[AG]TAAA[TC]A-3'. Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPK5, promotes induction of miR-34b and miR-34c expression, 2 post-transcriptional regulators of MYC that bind to the 3'UTR of MYC transcript and prevent its translation. |
| <b>Form</b>                | Liquid  |
| <b>Conjugate</b>           | Non-conjugated  |
| <b>Storage Buffer</b>      | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.   |
| <b>Purification Method</b> | Affinity-chromatography   |
| <b>Isotype</b>             | Rabbit IgG  |
| <b>Clonality</b>           | Monoclonal  |
| <b>Alias</b>               | Forkhead box protein O3, AF6q21 protein, FOXO3  |
| <b>Immunogen Species</b>   | Homo sapiens (Human)  |
| <b>Research Area</b>       | Epigenetics and Nuclear Signaling   |
| <b>Target Names</b>        | FOXO3   |
| <b>Clone No.</b>           | 1E1   |
| <b>Image</b>               |   |

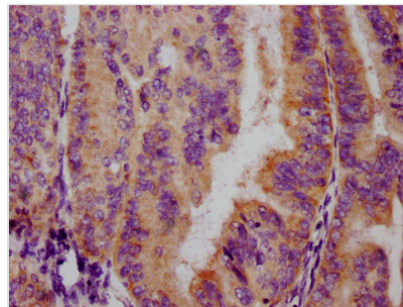


**Western Blot**

Positive WB detected in Hela whole cell lysate, 293 whole cell lysate, A549 whole cell lysate  
 All lanes Phospho-FOXO3 antibody at 0.96µg/ml  
 Secondary  
 Goat polyclonal to rabbit IgG at 1/50000 dilution  
 Predicted band size: 97 KDa  
 Observed band size: 97 KDa



IHC image of CSB-RA008836A253pH1U diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4? overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC image of CSB-RA008836A253pH1U diluted at 1:100 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4? overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

**Usage**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.