

Product datasheet for CF810665

OriGene Technologies, Inc.

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FOXO1 Mouse Monoclonal Antibody [Clone ID: OTI8C1]

Product data:

Product Type: Primary Antibodies

Clone Name: OTI8C1
Applications: WB

Recommended Dilution: WB 1:2000

Reactivity: Human
Host: Mouse
Isotype: IgG1

Clonality: Monoclonal

Immunogen: Human recombinant protein fragment corresponding to amino acids 356-655 of human

FOXO1 (NP_002006) produced in E.coli.

Formulation: Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)

Reconstitution Method: For reconstitution, we recommend adding 100uL distilled water to a final antibody

concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)

Purification: Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 69.5 kDa

Gene Name: forkhead box O1

Database Link: NP 002006

Entrez Gene 2308 Human

Q12778

Synonyms: FKH1; FKHR; FOXO1A

Protein Families: Druggable Genome, Transcription Factors

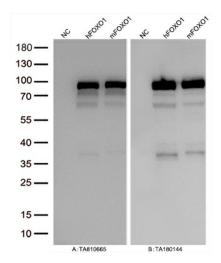




Protein Pathways:

Insulin signaling pathway, Pathways in cancer, Prostate cancer

Product images:



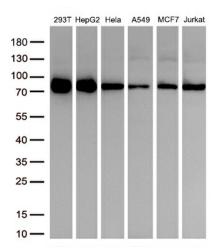


Figure A, Western blot analysis of overexpressed lysates (15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human FOXO1 plasmid ([RC200477], hFOXO1), mouse FOXO1 plasmid ([MR227240], mFOXO1) using anti-FOXO1 antibody [TA810665] (1:2000@1mg/ml). Figure B, Western blot analysis of the same samples as Figure A with anti-DDK antibody ([TA180144], 1:2000@1mg/ml).

Western blot analysis of extracts (50ug per lane) from 6 different cell lines lysates by using anti-FOXO1 antibody ([TA810665],1:2000@1mg/ml).