

Product datasheet for **CF810708**

FOXO1 Mouse Monoclonal Antibody [Clone ID: OTI8F12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8F12
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
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 56458 Mouse Entrez Gene 84482 Rat Entrez Gene 2308 Human Q12778
Synonyms:	FKH1; FKHR; FOXO1A
Protein Families:	Druggable Genome, Transcription Factors



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Protein Pathways: Insulin signaling pathway, Pathways in cancer, Prostate cancer

Product images:

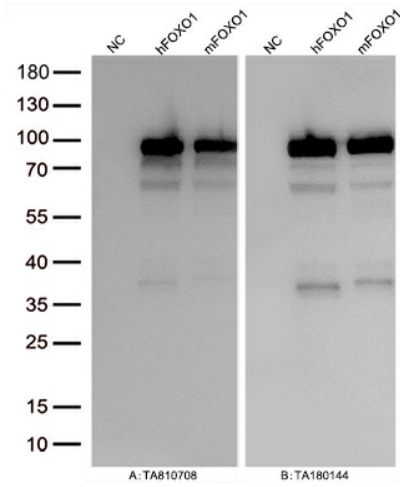
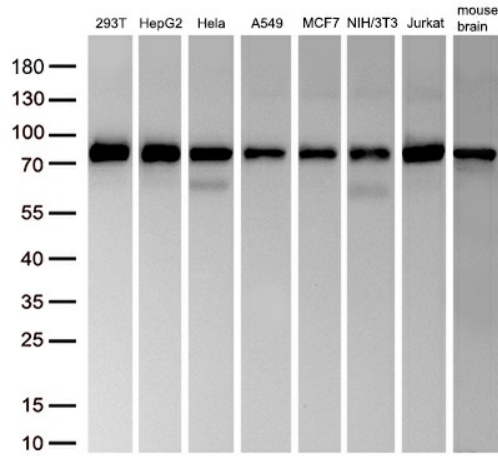


Figure A, Western blot analysis of overexpressed lysates (15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human FOXO1 plasmid ([RC200477], hFOXO1), mouse FOXO1 plasmid ([MR227240], mFOXO1) using anti-FOXO1 antibody [TA810708] (1:2000@1mg/ml). Figure B, Western blot 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 7 different cell lines and 1 tissue lysates by using anti-FOXO1 antibody ([TA810708],1:2000@1mg/ml).