

## Product datasheet for **TA346948**

### FOXO1 Mouse Monoclonal Antibody [Clone ID: 3F8-H8-A10]

#### Product data:

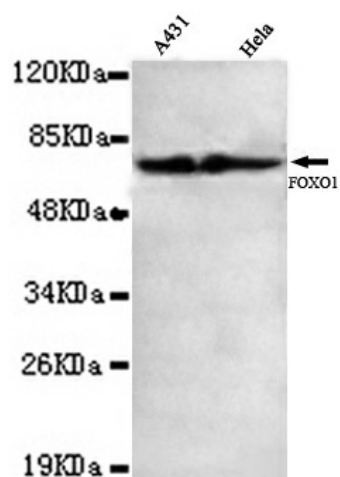
Product Type:	Primary Antibodies
Clone Name:	3F8-H8-A10
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	The immunogen for FOXO1 antibody: purified recombinant human FOXO1(C-terminus) protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70 kDa
Gene Name:	forkhead box O1
Database Link:	<a href="#">NP_002006</a> <a href="#">Entrez Gene 2308 Human</a> <a href="#">Q12778</a>
Background:	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma.
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:



Western blot detection of FOXO1 (C-terminus) in A431 and HeLa cell lysates using FOXO1 (C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 70KDa. Observed band size: 70KDa.