

Datasheet for ABIN515724
anti-FOXO1 antibody (AA 452-555)



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2 Images

Overview

Quantity:	100 µg
Target:	FOXO1
Binding Specificity:	AA 452-555
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FOXO1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant FOXO1A.
Immunogen:	FOXO1A (NP_002006, 452 a.a. ~ 555 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	msqyncapg llkelltsds pphndimtpv dpgvaqpnsr vlgqnvmmgp nsvmstygsq ashnkmmnps shtphghaqq tsavngrplp htvstmphts gmnrl
Clone:	4A3
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

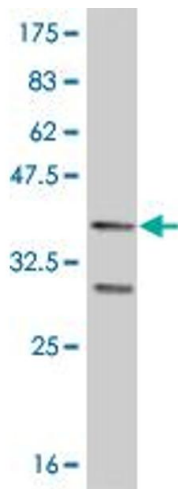
Target:	FOXO1
Alternative Name:	FOXO1 (FOXO1 Products)
Background:	Full Gene Name: forkhead box O1 Synonyms: FKH1,FKHR,FOXO1A
Gene ID:	2308
NCBI Accession:	NM_002015
Pathways:	PI3K-Akt Signaling , Cell Division Cycle , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Carbohydrate Metabolic Process , CXCR4-mediated Signaling Events , BCR Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

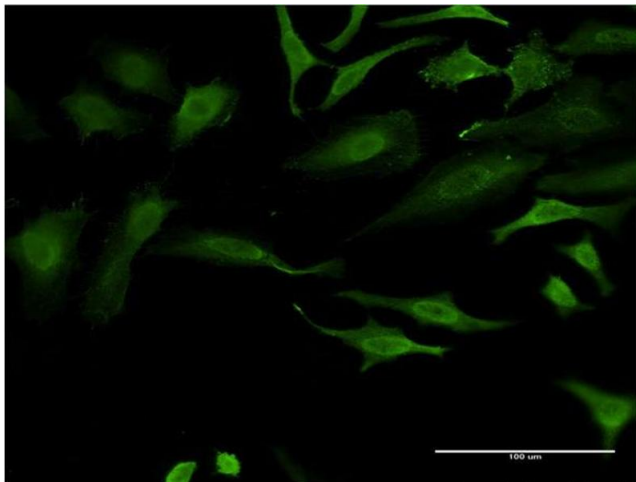
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. Western Blot detection against Immunogen (37.44 KDa) .



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to FOXO1 on HeLa cell. [antibody concentration 10 ug/ml]