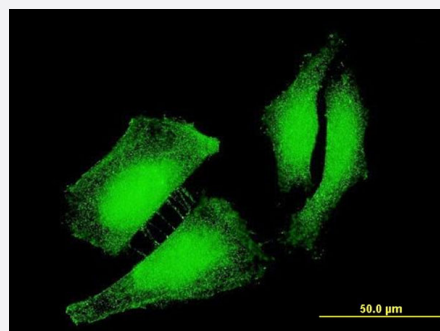


FOXO3A monoclonal antibody (M04), clone 3F12

Catalog # H00002309-M04

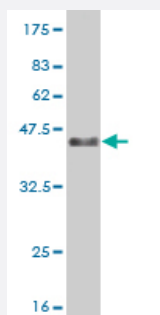
Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXO3 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant FOXO3A.

Immunogen

FOXO3A (AAH21224, 361 a.a. ~ 460 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

PCTVELPRLTDMAGTMNLNDGLTENLMDDLNDNITLPPSQPSPTGGLMQRSSSFYTTKGSGGLGS
PTSSFNSTVFGPSSLNSLRQSPMQTIQENKPATFS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (92); Rat (92)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXO3 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — FOXO3

Entrez GeneID	2309
GeneBank Accession#	BC021224
Protein Accession#	AAH21224
Gene Name	FOXO3
Gene Alias	AF6q21, DKFZp781A0677, FKHL1, FKHL1P2, FOXO2, FOXO3A, MGC12739, MGC31925
Gene Description	forkhead box O3
Omim ID	602681
Gene Ontology	Hyperlink

Gene Summary

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq]

Other Designations

OTTHUMP00000016944|forkhead box O3A|forkhead homolog (rhabdomyosarcoma) like 1|forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1

Pathway

- [Chemokine signaling pathway](#)
- [Endometrial cancer](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)

Disease

- [Alzheimer disease](#)
- [Amenorrhea](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Narcolepsy](#)
- [Obesity](#)
- [Ovarian Failure](#)

- [Primary Ovarian Insufficiency](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)