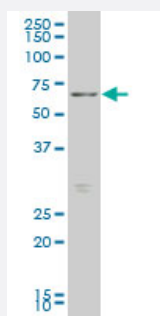


FOXO1A monoclonal antibody (M12), clone 3A10

Catalog # H00002308-M12

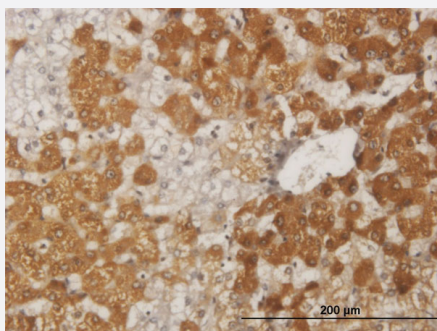
Size 100 ug

Applications



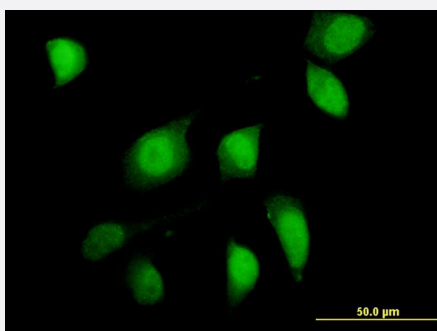
Western Blot (Cell lysate)

FOXO1A monoclonal antibody (M12), clone 3A10 Western Blot analysis of FOXO1A expression in SW-13 (Cat # L005V1).



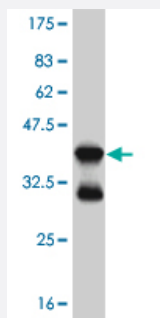
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to FOXO1A on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXO1 on HeLa cell . [antibody concentration 15 ug/ml]



Western Blot detection against Immunogen (37.44 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FOXO1A.
Immunogen	FOXO1A (NP_002006, 452 a.a. ~ 555 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSQYNCAPGLLKELLTSDSPPHNDIMTPVDPGVAQPNRSRVLGQNVMMGPNSVMSTYGSQASHN KMMNPSSHTHPGHAQQTSAVNGRPLPHTVSTMPHTSGMNRL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.44 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 (Cell lysate)

FOXO1A monoclonal antibody (M12), clone 3A10 Western Blot analysis of FOXO1A expression in SW-13 (Cat # L005V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to FOXO1A on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXO1 on HeLa cell . [antibody concentration 15 ug/ml]

Gene Info — FOXO1

Entrez GeneID [2308](#)

GeneBank Accession# [NM_002015](#)

Protein Accession# [NP_002006](#)

Gene Name FOXO1

Gene Alias FKH1, FKHR, FOXO1A

Gene Description forkhead box O1

Omim ID [136533](#) [268220](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000018301|forkhead box O1A (rhabdomyosarcoma)|forkhead homolog in rhabdomyosarcoma|forkhead, Drosophila, homolog of, in rhabdomyosarcoma

Pathway

- [Insulin signaling pathway](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Head and Neck Neoplasms](#)
- [NARP](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)