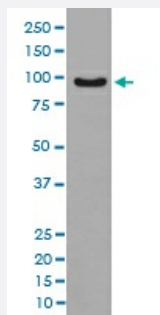


FOXO3 (phospho S253) monoclonal antibody, clone ECG-6

Catalog # MAB20516

Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of MCF-7 cell lysate treated with IGF using FOXO3 (phospho S253) monoclonal antibody, clone ECG-6.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic phosphopeptide of human FOXO3.

Immunogen A synthetic phosphopeptide corresponding to residues surrounding S253 of human FOXO3.

Host Rabbit

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage Immunohistochemistry (1:50-1:200)
Western Blot (1:500-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.4-0.5 mg/mL BSA, 0.02% sodium azide).

Storage Instruction Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of MCF-7 cell lysate treated with IGF using FOXO3 (phospho S253) monoclonal antibody, clone ECG-6.

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

Gene Info — FOXO3

Entrez GeneID [2309](#)

Protein Accession# [O43524](#)

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](#)