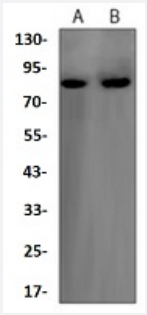
RecomAb™ Sm Size

# FOXO3 recombinant monoclonal antibody

Catalog # RAB09231 Size 50 uL

## Applications




### Western Blot (Cell lysate)

Western blot analysis of Hela (A), A549 (B) whole cell lysates with FOXO3 recombinant monoclonal antibody (Cat # RAB09231).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human FOXO3. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against a synthetic peptide of human FOXO3. |
| **Theoretical MW (kDa)** | 90 |
| **Reactivity** | Human |
| **Specificity** | Recognizes endogenous levels of FOXO3 protein. |
| **Form** | Liquid |
| **Preparation Method** | Mammalian cell (HEK293) expression system |
| **Purification** | Immunogen affinity chromatography |
| **Isotype** | IgG |
| **Recommend Usage** | Western Blot (1:500-1:1000) |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Storage Buffer** | In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA) |
| **Storage Instruction** | Store at 4°C short term.<br>Aliquot and store at -20°C long term.<br>Avoid freeze-thaw cycles. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Western Blot (Cell lysate)

  Western blot analysis of Hela (A), A549 (B) whole cell lysates with FOXO3 recombinant monoclonal antibody (Cat # RAB09231).

## Gene Info — FOXO3

| | |
|---|---|
| **Entrez GeneID** | 2309 |
| **Protein Accession#** | O43524 |
| **Gene Name** | FOXO3 |
| **Gene Alias** | AF6q21, DKFZp781A0677, FKHRL1, FKHRL1P2, 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 disti nct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of g enes necessary for cell death. Translocation of this gene with the MLL gene is associated with se condary 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\|forkh ead, Drosophila, homolog of, in rhabdomyosarcoma-like 1 |

## Pathway

- Chemokine signaling pathway

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.