

Basic Information

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|---------------------------|--|----------|
| Product Name | Anti-FOXO3A/FOXO3 Antibody (Clone#OTI5F11) | |
| Gene Name | FOXO3 | |
| Source | Mouse | |
| Clonality | Monoclonal | |
| Isotype | IgG1 | |
| Species Reactivity | human, mouse, rat | |
| Tested Application | WB, IHC, ICC/IF | |
| Contents | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. | |
| Immunogen | Human recombinant protein fragment corresponding to amino acids 374-673 of human FOXO3 (NP_001446) produced in E.coli. | |
| Concentration | 500 ug/ml | |
| Purification | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) | |
| Dilution Ratios | Western blot (WB): | 1:2000 |
| | Immunohistochemistry (IHC): | 1:150 |
| | Immunocytochemistry/Immunofluorescence (ICC/IF): | 1:50-400 |

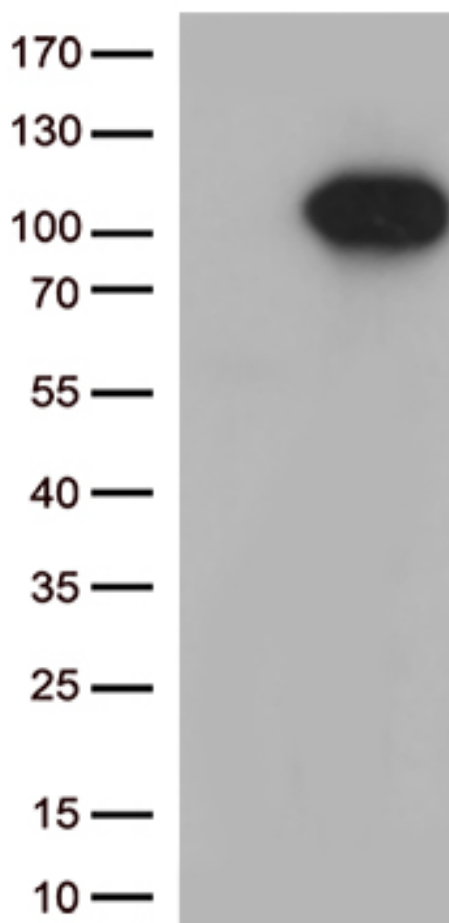
Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

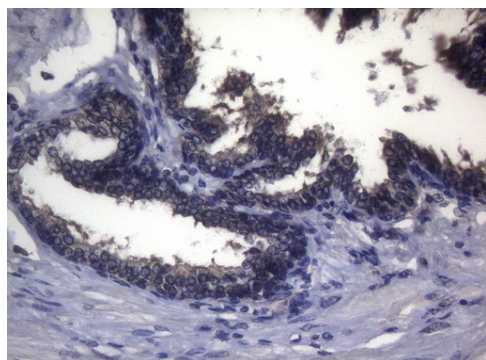
Background Information

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, Jul 2008]

Selected Validation Data



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FOXO3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FOXO3 (Cat# MA00252)(1:500).



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-FOXO3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, MA00252) (1:150)

Product datasheet

**Anti-FOXO3A/FOXO3 Antibody
(Clone#OTI5F11)**

Catalog Number: MA00252

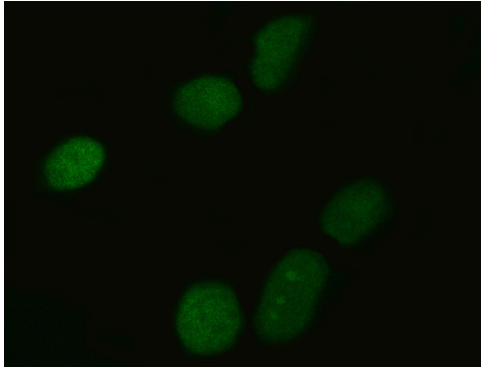
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ICC/IF analysis of FOXO3A/FOXO3 using anti-FOXO3A/FOXO3 antibody (MA00252).

FOXO3A/FOXO3 was detected in an immunocytochemical section of HeLa cells. Fluoro488-conjugated Anti-mouse IgG Secondary Antibody (green)(Catalog#BA1126) was used as secondary antibody.