SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Recombinant Rabbit Anti-FOXO3 Monoclonal Antibody

**Catalog Number: SLA1078M**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

| | |
|---|---|
| **Host:** | Mouse |
| **Isotype:** | IgG2a, Kappa |
| **Clonality:** | Monoclonal |
| **Clone No.:** | 11D3 |
| **GeneID:** | 2309 |
| **SWISS:** | O43524 |
| **Target:** | FOXO3 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human FOXO3A |
| **Purification:** | affinity purified by Protein G |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | WB (1:1000-5000)<br>IHC-P (1:100-500)<br>IHC-F (1:100-500)<br>IF (1:100-500)<br>ICC/IF (1:50-200)<br>Not yet tested in other applications.<br>Optimal working dilutions must be determined by the end user. |
| **Reactivity:** | Human |
| **Predicted MW.:** | 74 kDa |
| **Subcellular Location:** | Nucleus |
| **Background:** | 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] |

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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## [ VALIDATION IMAGES ]

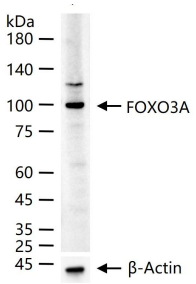



Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with FOXO3A monoclonal antibody, unconjugated (SLA1078M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

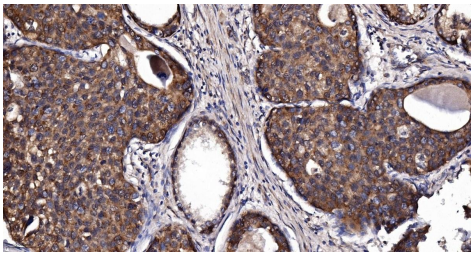


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human Prastate Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FOXO3A Monoclonal Antibody, Unconjugated (SLA1078M) at 1:100 overnight at 4°C, followed by conjugation to SL40296G-HRP and DAB (C-0010) staining.

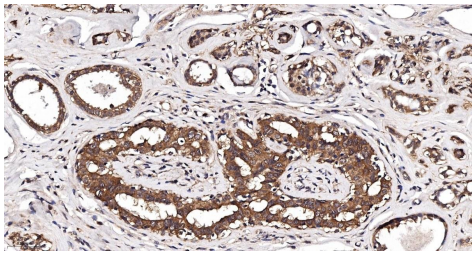


Figure 3. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FOXO3A Monoclonal Antibody, Unconjugated (SLA1078M) at 1:100 overnight at 4°C, followed by conjugation to SL40296G-HRP and DAB (C-0010) staining.
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