

bsm-52156R**[Primary Antibody]****BioSS**
ANTIBODIES

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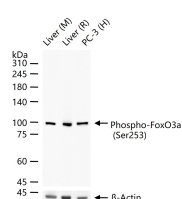
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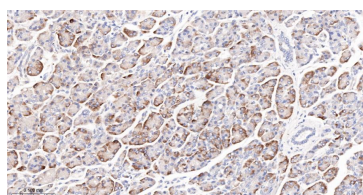
400-901-9800

phospho-FoxO3a (Ser253) Recombinant Rabbit mAb**— DATASHEET —**

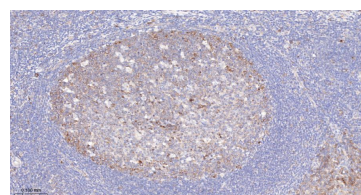
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:200-800) IHC-F (1:200-800) IF (1:200-800) Reactivity: Human, Mouse, Rat Predicted MW.: 71 kDa Observed MW.: 100 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Recombinant	CloneNo.: 25B3	
GeneID: 2309	SWISS: O43524	
Target: FoxO3a (Ser253)		
Immunogen: A synthesized peptide derived from human FOXO3A around the phosphorylation site of S253: AV-pS-MD.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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]		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with Phospho-FoxO3a (Ser253) monoclonal antibody, unconjugated (bsm-52156R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Phospho-FoxO3a (Ser253) Monoclonal Antibody, Unconjugated (bsm-52156R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Phospho-FoxO3a (Ser253) Monoclonal Antibody, Unconjugated (bsm-52156R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=2.8]** Jinghua Zhao. et al. The Effect of FSH-Induced Nuclear Exclusion of FOXO3/4 on Granulosa Cell Proliferation and Apoptosis of Hen Ovarian Follicles. GENES-BASEL. 2025 May;16(5):500 WB ;Hen. 40428322
- **[IF=2.5]** Lin-Feng Li. et al. Baicalin alleviates repeated superovulation induced ovarian dysfunction and oocyte impairment by suppressing excessive glycolysis. THERIOGENOLOGY. 2026 Aug;260:117934 WB ;Mouse. 41967363