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## **[KD-Validated] Anti-Forkhead box O4 Rabbit Monoclonal Antibody**

Cat No.: KD-10387

### **Aliases:**

FOXO4; Forkhead Box O4; AFX1; MLLT7; Myeloid/Lymphoid Or Mixed-Lineage Leukemia (Trithorax Homolog, Drosophila); Translocated To, 7 2 3; Fork Head Domain Transcription Factor AFX1; Forkhead Box Protein O4; AFX; Myeloid/Lymphoid Or Mixed-Lineage Leukemia (Trithorax (Drosophila) Homolog); Translocated To, 7

### **Background:**

UniProt Entry: [P98177](#);NCBI Gene Entry: [4303](#)

### **Application Information**

Molecular Weight: Predicted, 54 kDa, observed, 23,65 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB1470 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

### **Immunogen**

A synthesized peptide derived from human FoxO4

### **Isotype**

Rabbit IgG

### **Storage Buffer**

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

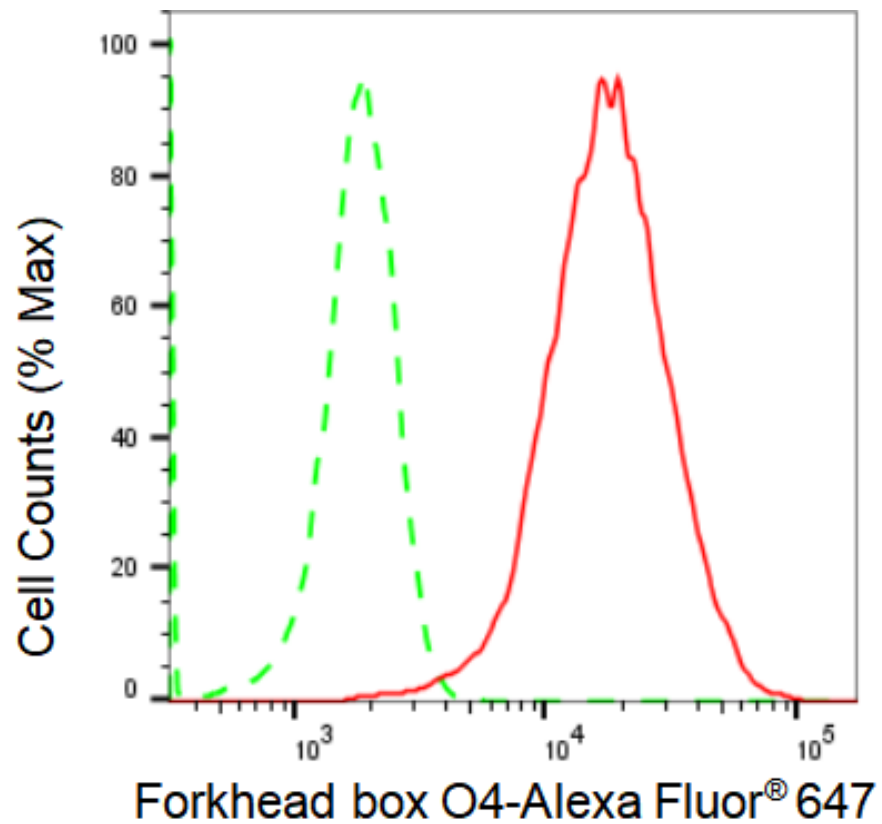
Store at -20 °C for one year.

### Recommended Dilutions

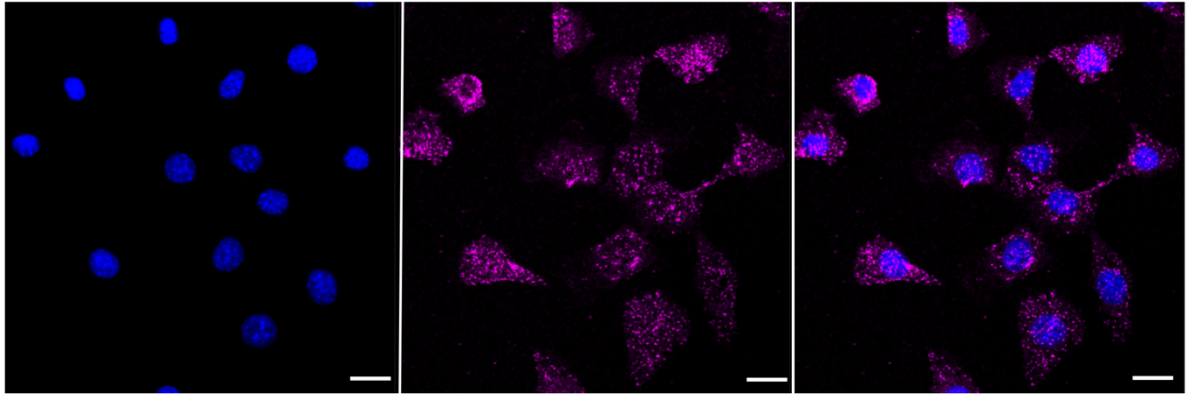
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000  
Immunocytochemistry (IC): 1:1,000

### Protocols

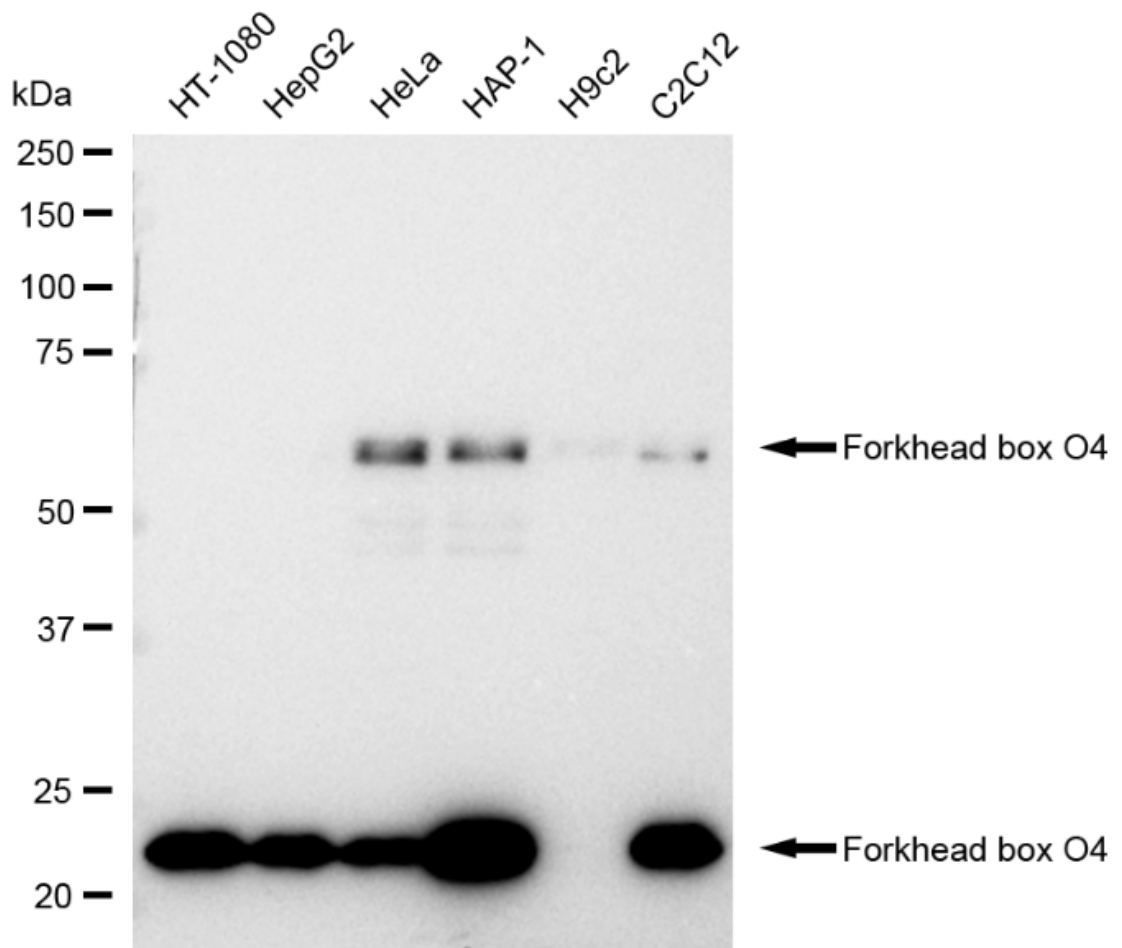
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



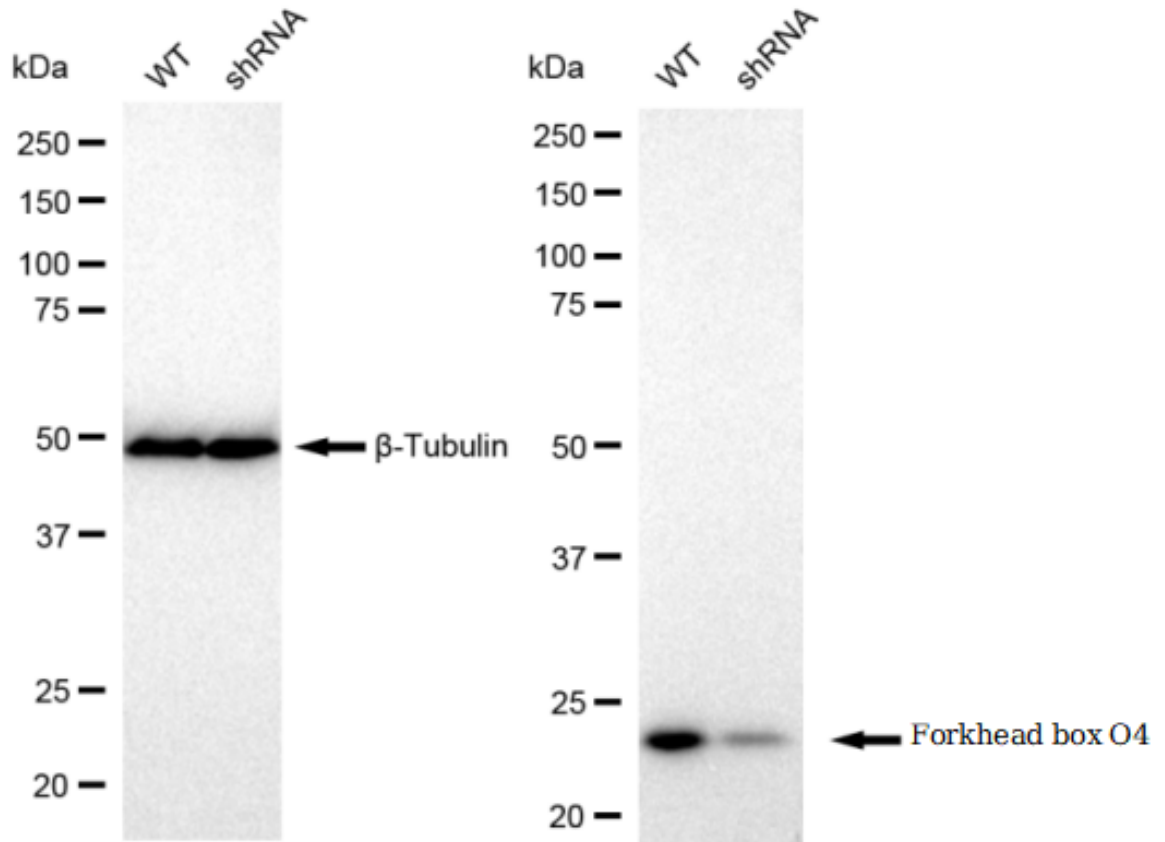
Flow cytometric analysis of Forkhead box O4 expression in HeLa cells using Forkhead box O4 antibody 1:2,000. Green, isotype control; red, Forkhead box O4.



Immunocytochemical staining of HeLa cells with Forkhead box O4 antibody 1:1,000. Nuclei were stained blue with DAPI; Forkhead box O4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20  $\mu$ m.



Western blotting analysis using anti-Forkhead box O4 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-Forkhead box O4 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .