

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## FOXO1 RABBIT MAB

Cat.#: N261746

**Product Name:** Anti-FOXOI Rabbit Monoclonal Antibody **Synonyms:** FOXOI; FKHR; FOXOIA; Forkhead box protein OI; Forkhead box protein OIA; Forkhead in rhabdomyosarcoma

**UNIPROT ID:** Q12778

**Background:** Transcription factor which acts as a regulator of cell responses to oxidative stress. In the presence of KIRT1, mediates down-regulation of cyclin D1 and up-regulation of CDKN1B levels which are required for cell transition from proliferative growth to quiescence.

**Immunogen:** A synthetic peptide of human FOXOIA

Applications: WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

**Clone ID:** R07-7C4

MW: Calculated MW: 70 kDa; Observed MW: 70 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

Conjugation: Unconjugated

Modification: Unmodified

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

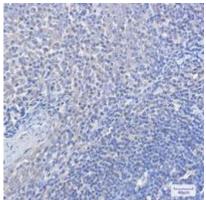
**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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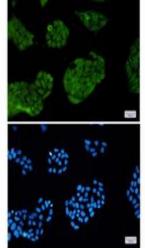
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Western blot analysis of FOXO1A in HepG2 lysates using FOXO1 antibody.

Immunohistochemistry analysis of paraffin-embedded Human tonsil using FOXOIA antibody.Highpressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of FOXO1A(green) in Hela using FOXO1A antibody,and DAPI(blue)