

## FOXO1 RABBIT MAB

**Cat.#:** N261746

**Product Name:** Anti-FOXO1 Rabbit Monoclonal Antibody

**Synonyms:** FOXO1; FKHR; FOXO1A; Forkhead box protein O1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma

**UNIPROT ID:** Q12778

**Background:** Transcription factor which acts as a regulator of cell responses to oxidative stress. In the presence of KRT1, 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 FOXO1A

**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

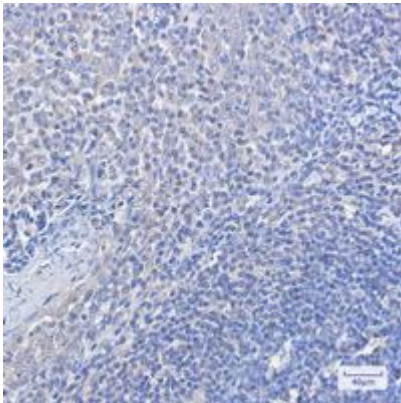
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

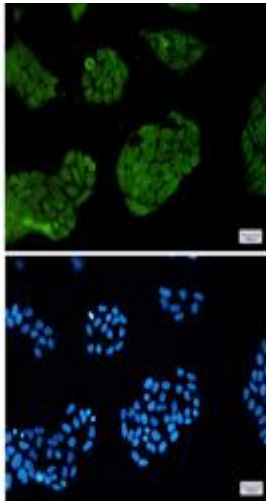
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human tonsil using FOXO1A antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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



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