

## FOXA1 monoclonal antibody

Catalog: MB10931

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

Forkhead box protein A1 is a transcription factor required for the development of endoderm-derived organs, such as liver, lung, and prostate. FoxA1 functions as a pioneer factor that is recruited primarily to the distant enhancers to change chromatin structure for transcription in a cell type-specific manner. Involved in regulation of apoptosis by inhibiting the expression of BCL2. Involved in cell cycle regulation by activating expression of CDKN1B, alone or in conjunction with BRCA1.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 49 kDa; Observed MW: 49 kDa

### Swiss-Prot:

P55317

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IF: 1/50-1/200

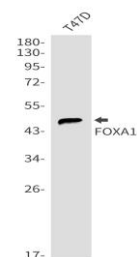
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot analysis of FOXA1 in T47D lysates using FOXA1 antibody.

Western blot analysis of FOXA1 in C6 lysates using FOXA1 antibody.

Immunocytochemistry analysis of FOXA1 in MCF-7 using FOXA1 antibody, and DAPI

### Note:

For research use only, not for use in diagnostic procedure.

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