

## Recombinant FOXA2 Monoclonal Antibody

catalog number: **AN302023L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

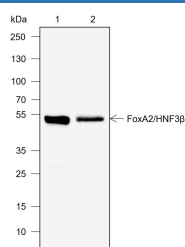
### Description

|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Reactivity</b>   | Human;                                                          |
| <b>Immunogen</b>    | Peptide. This information is proprietary to PTMab.              |
| <b>Host</b>         | Rabbit                                                          |
| <b>Isotype</b>      | IgG, $\kappa$                                                   |
| <b>Clone</b>        | A743                                                            |
| <b>Purification</b> | Protein A purified                                              |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

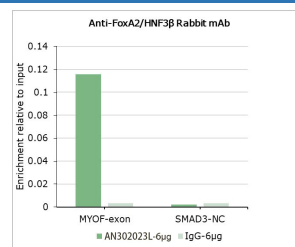
|             |                                            |
|-------------|--------------------------------------------|
| <b>WB</b>   | 1:1000                                     |
| <b>ChIP</b> | 6 $\mu$ g/2 $\times$ 10 <sup>6</sup> cells |

### Data



Western Blot with FOXA2 Monoclonal Antibody at dilution of 1:1000. Lane 1: PC-3, Lane 2: Human liver

**Observed-MW:50 kDa**  
**Calculated-MW:48 kDa**



Chromatin immunoprecipitation analysis of A549 immunoprecipitated DNA by real-time PCR using primers specific for the human MYOF-E and SMAD3. The data are presented as enrichment of each sample relative to the total amount of input chromatin at each amplicon.

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene.

### For Research Use Only

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