Recombinant FOXA1 Monoclonal Antibody

catalog number: **AN301524L**

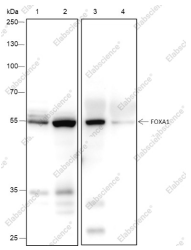
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human FOXA1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121147
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:200-1:1000
FCM	1:50-1:100

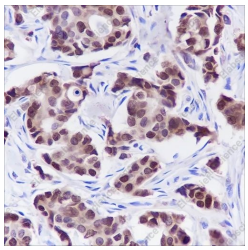
Data



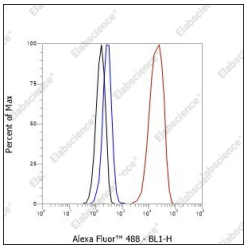
Western Blot with FOXA1 Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa, Lane 2: HepG2, Lane 3: Mouse lung, Lane 4: Rat lung

Observed-MW:52 kDa

Calculated-MW:49 kDa



Immunohistochemistry of paraffin-embedded Human breast cancer using FOXA1 Monoclonal Antibody at dilution of 1:1000.



Flow cytometric analysis of human FOXA1 expression on HepG2 cells. Cells were stained with purified anti-Human FOXA1, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

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

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

Background

Forkhead transcription factor (FOXA1) is a pioneering factor in the development of some organs and certain cancers. It opens tight chromatin by interacting with nucleosomal core histones. FOXA1 can bind to cis-acting elements and recruit other transcription factors to induce transcription. FOXA1 is involved in embryonic development, establishment of tissue-specific gene expression and regulation of gene expression in differentiated tissues, and participates in the development of a variety of endoderm-derived organ systems, such as liver, pancreas, lung and prostate. FOXA1 is related to many diseases and plays a role in hormone-dependent diseases such as breast cancer and prostate cancer.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com