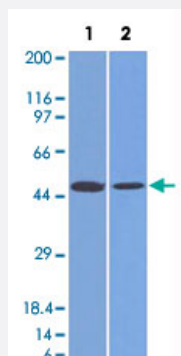


# FOXA1 monoclonal antibody, clone FOXA1/1512

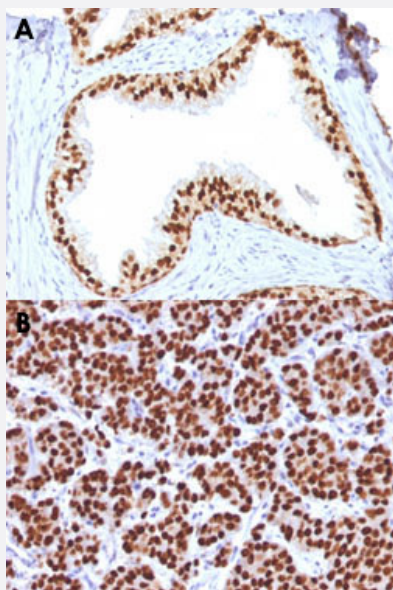
Catalog # MAB14811      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of Lane 1: MCF-7 and Lane 2: PC3 cell lysates with FOXA1 monoclonal antibody, clone FOXA1/1512 (Cat # MAB14811).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate (A) and human prostate carcinoma (B) with FOXA1 monoclonal antibody, clone FOXA1/1512 (Cat # MAB14811).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant human FOXA1.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 467-614 of human FOXA1.
<b>Host</b>	Mouse

Theoretical MW (kDa)	79
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: MCF-7 and Lane 2: PC3 cell lysates with FOXA1 monoclonal antibody, clone FOXA1/1512 (Cat # MAB14811).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate (A) and human prostate carcinoma (B) with FOXA1 monoclonal antibody, clone FOXA1/1512 (Cat # MAB14811).

- Immunofluorescence

- Flow Cytometry

## Gene Info — FOXA1

Entrez GeneID	<a href="#">3169</a>
Protein Accession#	<a href="#">P55317</a>
Gene Name	FOXA1
Gene Alias	HNF3A, MGC33105, TCF3A

Gene Description	forkhead box A1
Omim ID	<a href="#">602294</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts 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. [provided by RefSeq]
Other Designations	hepatocyte nuclear factor 3, alpha

## Publication Reference

- [Expression of FOXA1 and GATA-3 in breast cancer: the prognostic significance in hormone receptor-negative tumours.](#)

Andre Albergaria, Joana Paredes, Barbara Sousa, Fernanda Milanezi, Vítor Carneiro, Joana Bastos, Sandra Costa, Daniella Vieira, Nair Lopes, Eric W Lam, Nuno Lunet, Fernando Schmitt.

Breast Cancer Research 2009 Jun; 11(3):R40.

Application: IHC-P, Human, Human breast carcinomas

## Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)