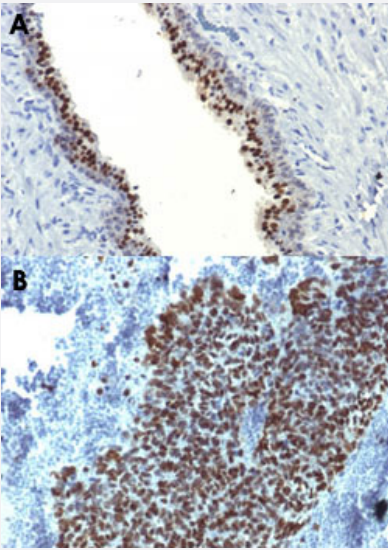


FOXA1 monoclonal antibody, clone FOXA1/1514

Catalog # MAB14556 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma (A, B) with FOXA1 monoclonal antibody, clone FOXA1/1514 (Cat # MAB14556).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FOXA1.
Immunogen	Recombinant protein corresponding to amino acids 467-614 of human FOXA1.
Host	Mouse
Theoretical MW (kDa)	79
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, kappa

Recommend Usage

Flow Cytometry (0.5-1 ug/10⁶ 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 (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma (A, B) with FOXA1 monoclonal antibody, clone FOXA1/1514 (Cat # MAB14556).
- Immunofluorescence
- Flow Cytometry

Gene Info — FOXA1

Entrez GeneID

[3169](#)

Protein Accession#

[P55317](#)

Gene Name

FOXA1

Gene Alias

HNF3A, MGC33105, TCF3A

Gene Description

forkhead box A1

Omim ID

[602294](#)

Gene Ontology

[Hyperlink](#)

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](#)