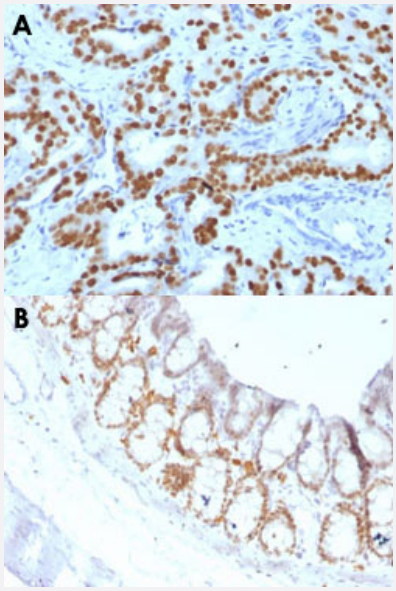
FOXA1 monoclonal antibody, clone FOXA1/1519

Catalog # MAB14815 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma (A) and rat colon (B) with FOXA1 monoclonal antibody, clone FOXA1/1519 (Cat # MAB14815).

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, Rat
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2a

Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 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

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

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- 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 n uclear factors are transcriptional activators for liver-specific transcripts such as albumin and transt hyretin, and they also interact with chromatin. Similar family members in mice have roles in the reg ulation 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