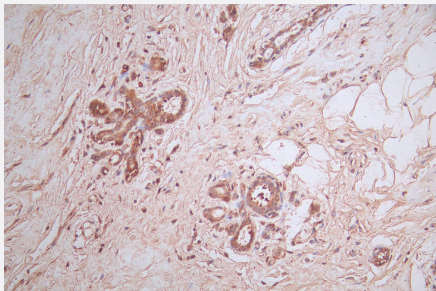


RecomAb™

HSD3B1 recombinant monoclonal antibody, clone 10G2

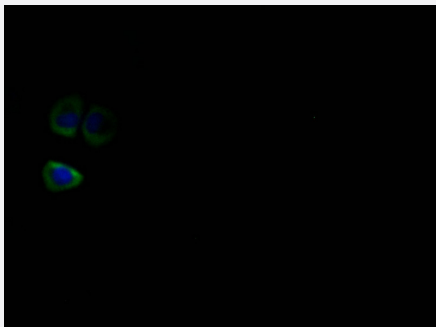
Catalog # RAB07742 Size 100 uL

Applications



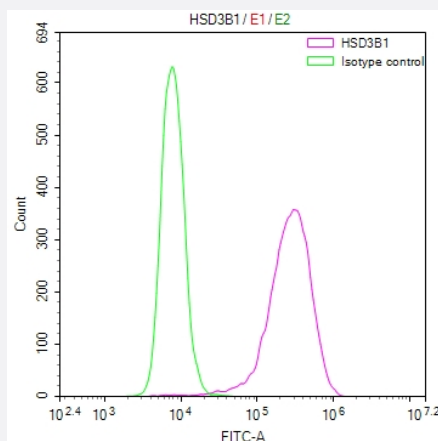
Immunohistochemistry

Immunohistochemistry image of HSD3B1 recombinant monoclonal antibody, clone 10G2 diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system.



Immunofluorescence

Immunofluorescence staining of HeLa Cells with HSD3B1 recombinant monoclonal antibody, clone 10G2 at 1:50, counter-stained with DAPI.



Flow Cytometry

Overlay Peak curve showing 293 cells stained with HSD3B1 recombinant monoclonal antibody, clone 10G2 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human HSD3B1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human HSD3B1.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunohistochemistry(1:50-1:200) Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry image of HSD3B1 recombinant monoclonal antibody, clone 10G2 diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system.

- Immunofluorescence

Immunofluorescence staining of Hela Cells with HSD3B1 recombinant monoclonal antibody, clone 10G2 at 1:50, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Overlay Peak curve showing 293 cells stained with HSD3B1 recombinant monoclonal antibody, clone 10G2 (red line) at 1:50.

Gene Info — HSD3B1

Entrez GeneID	3283
Protein Accession#	P14060
Gene Name	HSD3B1
Gene Alias	HSD3B, HSDB3, SDR11E1
Gene Description	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
Omim ID	109715
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 1 short chain dehydr ogenase/reductase family 11E, member 1

Pathway

- [Androgen and estrogen metabolism](#)
- [C21-Steroid hormone metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)

- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Infant](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Uremia](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)