OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA505181AM

FATE1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1A1
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human FATE1(NP_149076) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20.5 kDa
Gene Name:	fetal and adult testis expressed 1
Database Link:	NP_149076 Entrez Gene 89885 Human Q969F0
Background:	This gene encodes a cancer-testis antigen that is highly expressed in hepatocellular carcinomas and other tumors and weakly expressed in normal tissues except testis. The protein is strongly expressed in spermatogonia, primary spermatocytes, and Sertoli cells in seminiferous tubules. This protein may have a role in the control of early testicular differentiation and cell proliferation. [provided by RefSeq]. COMPLETENESS: full length.

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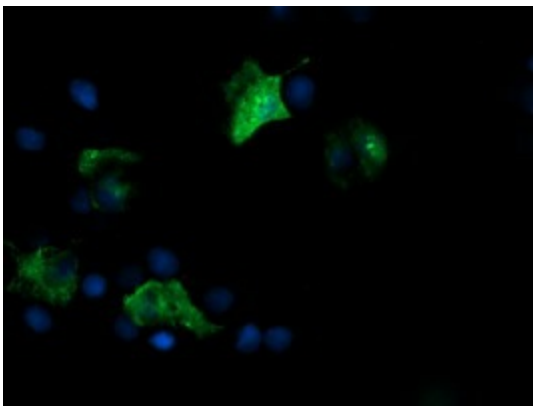
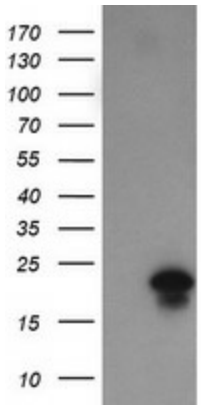
Synonyms: CT43; FATE

Protein Families: Transmembrane

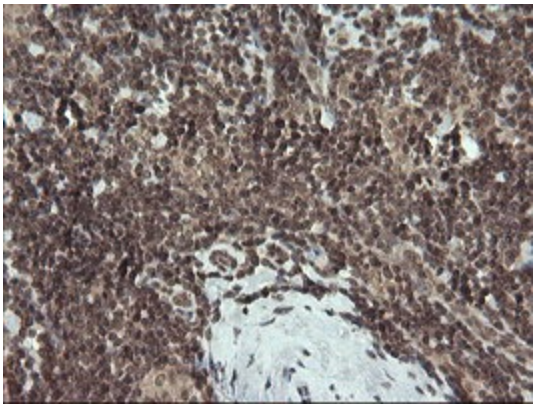
Product images:



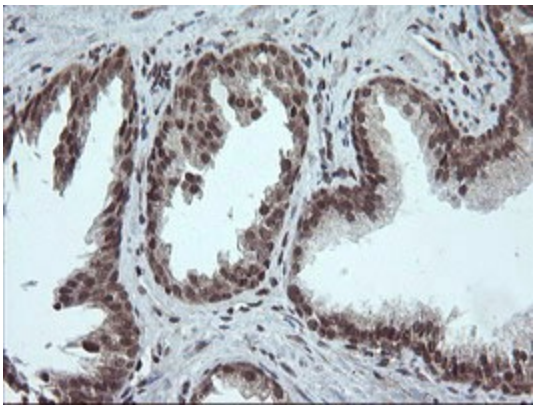
Anti-FATE1 mouse monoclonal antibody ([TA505181]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FATE1 ([RC205951]).



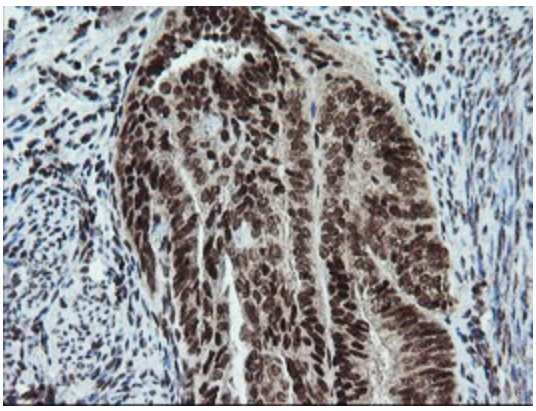
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FATE1 (Cat# [RC205951], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FATE1(Cat# [TA505181]). Positive lysates [LY409735] (100ug) and [LC409735] (20ug) can be purchased separately from OriGene.



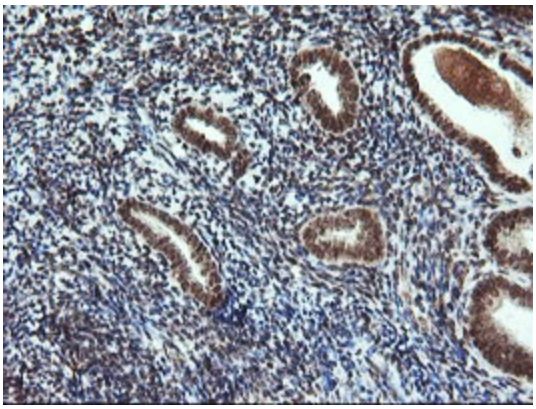
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



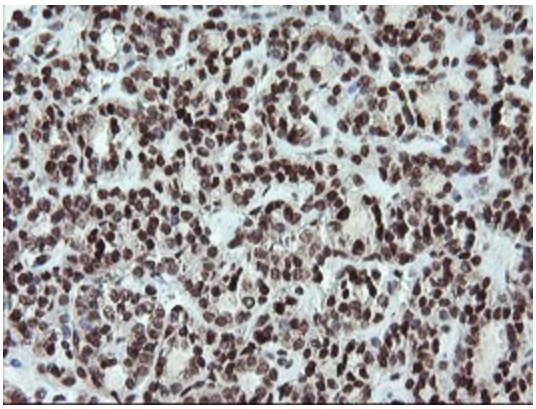
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



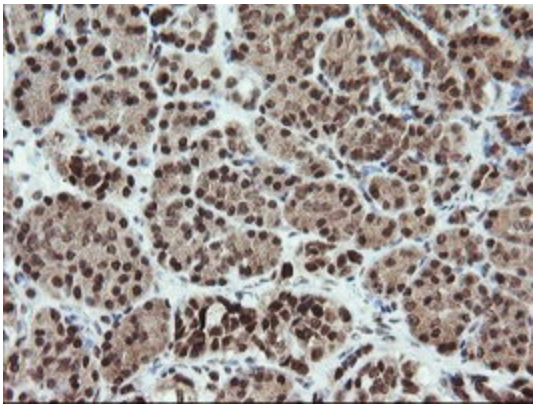
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



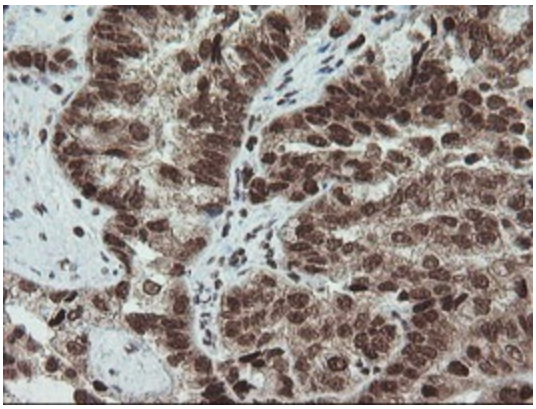
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



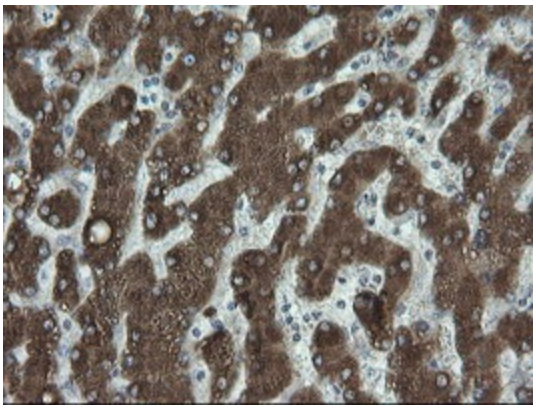
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



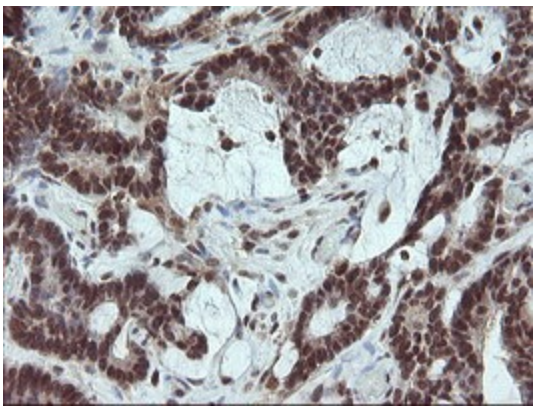
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



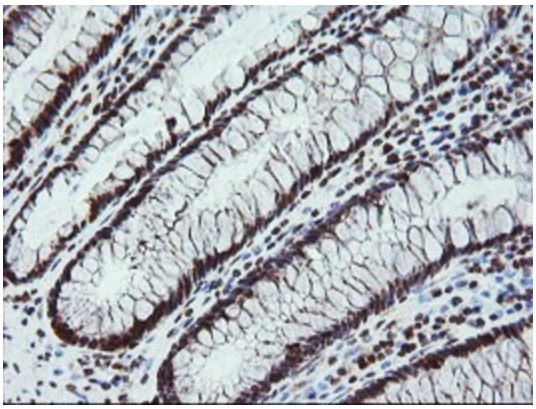
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



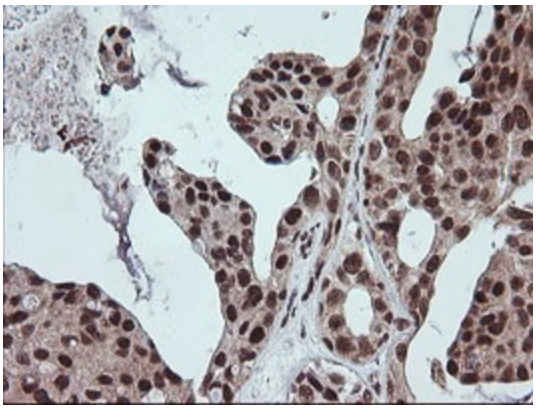
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



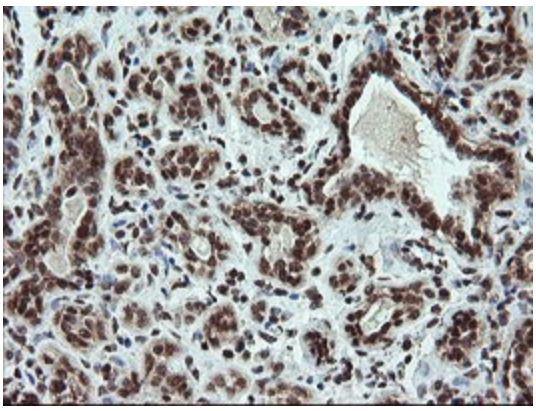
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-FATE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505181])