

## Product datasheet for **TA504192AM**

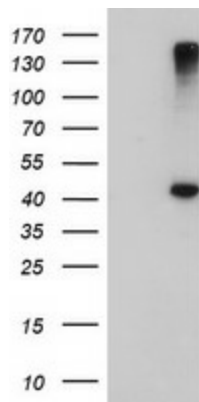
### AGPAT5 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1D12]

#### Product data:

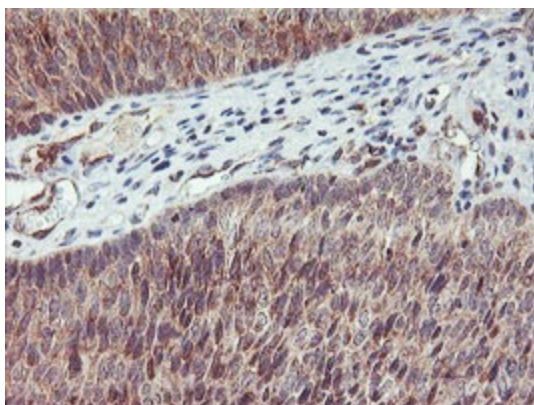
Product Type:	Primary Antibodies
Clone Name:	OTI1D12
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human AGPAT5(NP_060831) produced in HEK293T cell.
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:	41.9 kDa
Gene Name:	1-acylglycerol-3-phosphate O-acyltransferase 5
Database Link:	<a href="#">NP_060831</a> <a href="#">Entrez Gene 55326 Human</a> <a href="#">Q9NUQ2</a>
Background:	This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. This integral membrane protein converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. [provided by RefSeq, Jul 2008]
Synonyms:	1AGPAT5; LPAATE
Protein Families:	Transmembrane



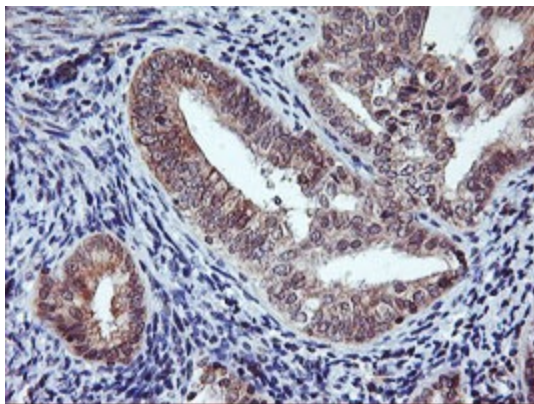
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**Product images:**

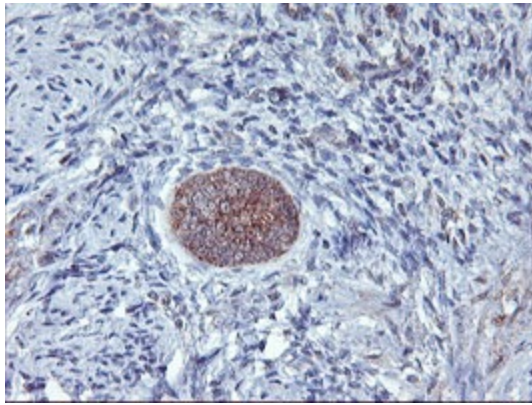
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY AGPAT5 (Cat# [RC210280], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AGPAT5 (Cat# [TA504192]). Positive lysates [LY413113] (100ug) and [LC413113] (20ug) can be purchased separately from OriGene.



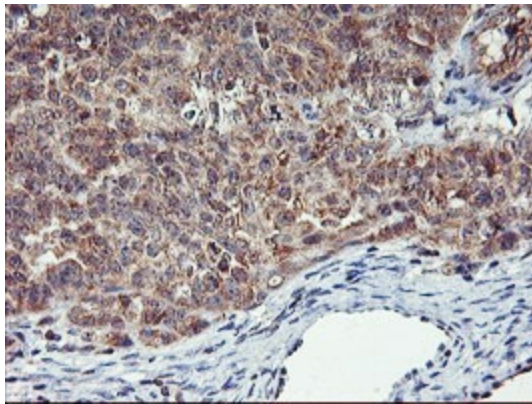
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-AGPAT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504192])



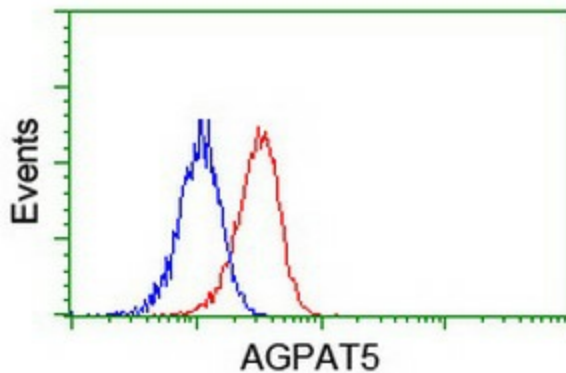
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-AGPAT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504192])



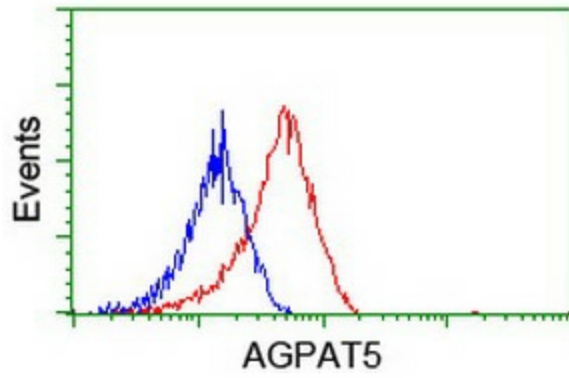
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-AGPAT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504192])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-AGPAT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504192])



Flow cytometric Analysis of Jurkat cells, using anti-AGPAT5 antibody ([TA504192]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of HeLa cells, using anti-AGPAT5 antibody ([TA504192]), (Red), compared to a nonspecific negative control antibody, (Blue).