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

Product datasheet for TA502886

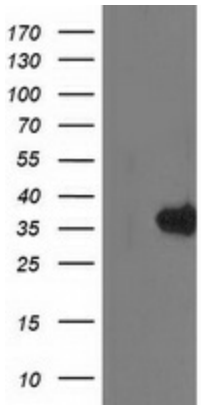
Monoacylglycerol Lipase (MGLL) Mouse Monoclonal Antibody [Clone ID: OTI2B11]

Product data:

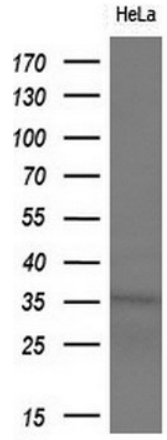
Product Type:	Primary Antibodies
Clone Name:	OTI2B11
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MGLL (NP_009214) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1.1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	34.1 kDa
Gene Name:	monoglyceride lipase
Database Link:	NP_009214 Entrez Gene 11343 Human
Background:	Monoglyceride lipase (MGLL; EC 3.1.1.23) functions together with hormone-sensitive lipase (LIPE; MIM 151750) to hydrolyze intracellular triglyceride stores in adipocytes and other cells to fatty acids and glycerol. MGLL may also complement lipoprotein lipase (LPL; MIM 238600) in completing hydrolysis of monoglycerides resulting from degradation of lipoprotein triglycerides (Karlsson et al., 2001 [PubMed 11470505]). [supplied by OMIM]
Synonyms:	HU-K5; HUK5; MAGL; MGL
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Glycerolipid metabolism, Metabolic pathways

View online »

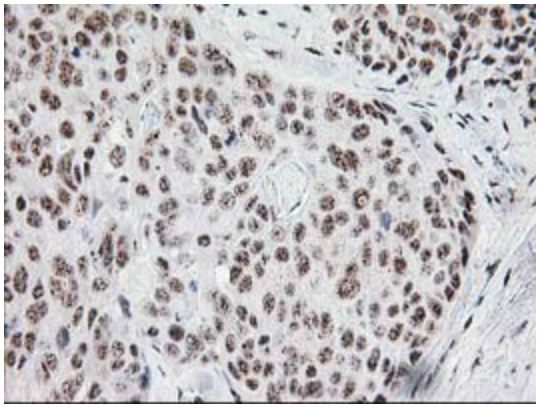
Product images:



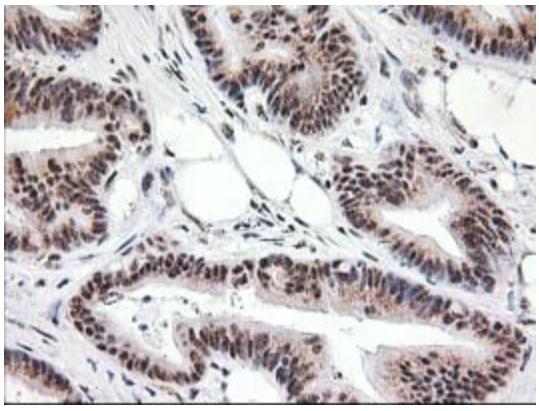
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MGLL ([RC218358], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MGLL. Positive lysates [LY402124] (100ug) and [LC402124] (20ug) can be purchased separately from OriGene.



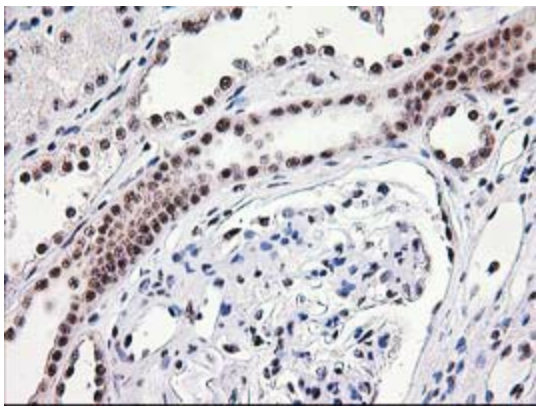
Western blot analysis of extracts (10ug) from 1 cell line by using anti-MGLL monoclonal antibody (1:200).



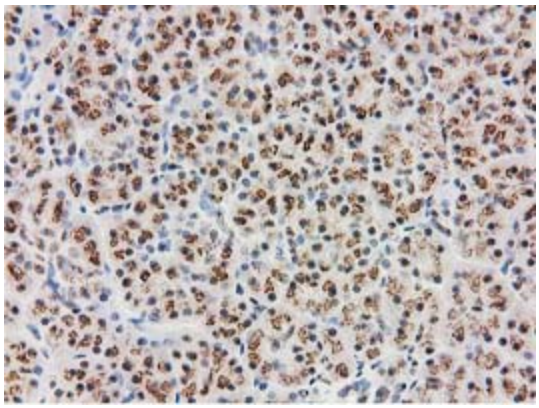
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-MGLL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502886)



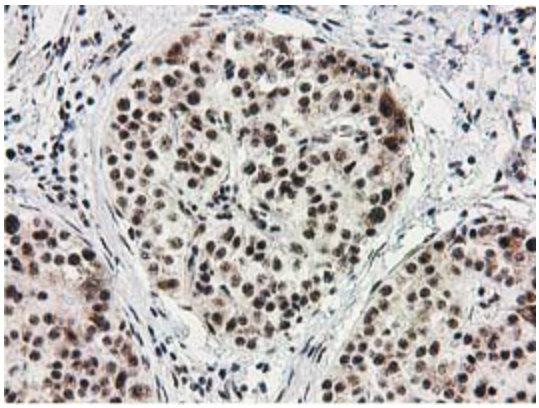
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-MGLL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502886)



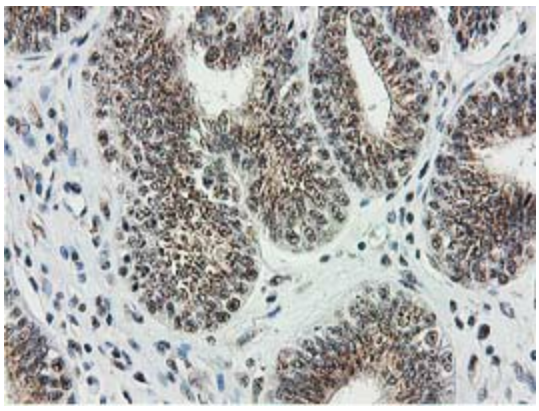
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-MGLL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502886)



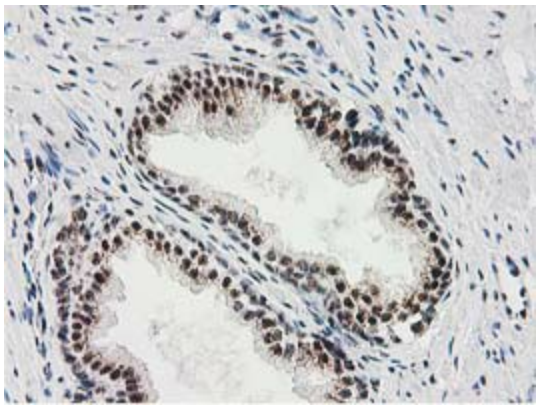
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-MGLL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502886)



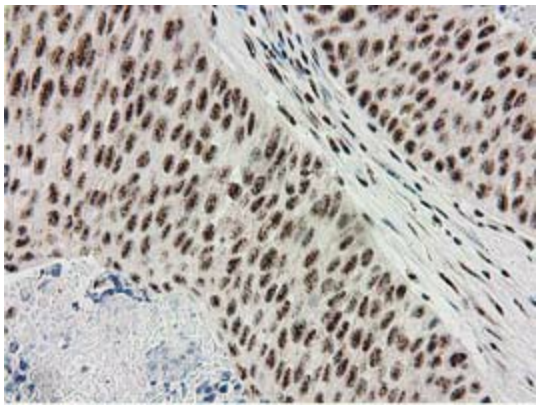
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-MGLL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502886)



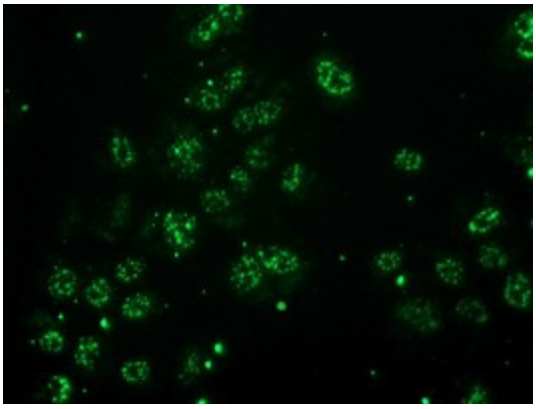
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-MGLL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502886)



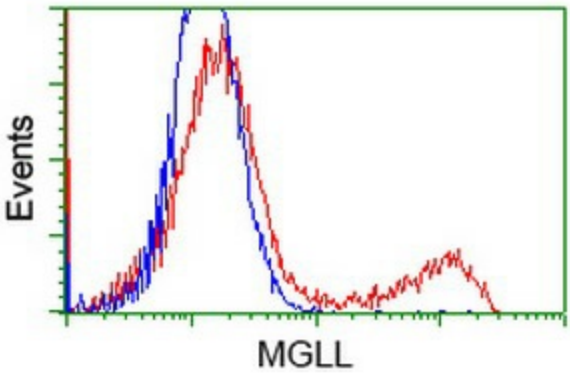
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-MGLL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502886)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-MGLL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502886)



Anti-MGLL mouse monoclonal antibody (TA502886) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MGLL ([RC218358]).



HEK293T cells transfected with either [RC218358] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MGLL antibody (TA502886), and then analyzed by flow cytometry.