Mouse MGLL Monoclonal Antibody | anti-MGLL antibody

MGLL antibody

CATALOG #	HOST	APPLICATIONS
AAA107009	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

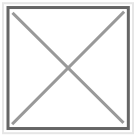
PRODUCT SYNONYMS

MGLL; Monoclonal Antibody; MGLL antibody; Monoclonal MGLL; Anti-MGLL; Monoglyceride lipase; MGL; Lysophospholipase homolog; Monoacylglycerol lipase; HUK5; anti-MGLL antibody

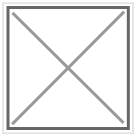
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2G8
Purity/Purification	MGLL antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	313
Applicable Applications for anti-MGLL antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Monoglyceride lipase functions together with hormone-sensitive lipase to hydrolyze intracellular triglyceride stores in adipocytes and other cells to fatty acids and glycerol. MGLL may also complement lipoprotein lipase in completing hydrolysis of monoglycerides resulting from degradation of lipoprotein triglycerides.
Cross-Reactivity	Human
Immunogen	MGLL antibody was raised in mouse using a full length recombinant protein of human MGLL (NP_009214) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

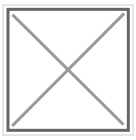
IMAGES



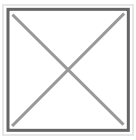
IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant MGLL protein using MGLL antibody



IHC (Immunohistochemisry)
Immunohistochemical analysis of MGLL protein in paraffin embedded Adenocarcinoma of Human colon tissue using MGLL antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MGLL protein (Right) or empty vector (Left) detected with MGLL antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant MGLL protein (red) or empty vector (blue) stained using MGLL antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MGLL antibody	Mouse monoclonal MGLL antibody
Product Categories/Family for anti-MGLL antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005786
NCBI GeneID	11343
NCBI Accession #	NP_009214
NCBI GenBank Nucleotide #	NM_007283.6
UniProt Accession #	Q99685; Q6IBG9; Q96AA5; B3KRC2; B7Z9D1
Molecular Weight	31,149 Da
NCBI Official Full Name	monoglyceride lipase isoform 1
NCBI Official Synonym Full Names	monoglyceride lipase
NCBI Official Symbol	MGLL
NCBI Official Synonym Symbols	MGL; HUK5; MAGL; HU-K5
NCBI Protein Information	monoglyceride lipase
UniProt Protein Name	Monoglyceride lipase
UniProt Gene Name	**MGLL**
UniProt Synonym Gene Names	MAGL
UniProt Entry Name	MGLL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/mgll-antibody-clone-2g8-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107009