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[Primary Antibody]

Recombinant Rabbit Anti-MGLL Monoclonal Antibody

Catalog Number: SLA0913M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG2a
Clonality:	Monoclonal
Clone No.:	10G9
GeneID:	11343
SWISS:	Q99685
Target:	MGLL
Immunogen:	KLH conjugated synthetic peptide derived from human Monoacylglycerol Lipase
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:50-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	33 kDa
Background:	Endocannaboids such as arachidonoyl ethanolamide and 2-arachidonoyl glycerol function as short range modulators of cell and synaptic activity. Monoacylglycerol lipase hydrolyzes 2-arachidonoyl glycerol which terminates it's biological actions. Monoacylglycerol lipase also works consecutively with hormone sensitive lipase to mobilize fatty acids from triglyceride stores of adipocytes. Monoacylglycerol lipase is expressed in kidney, spleen, heart, liver, testis, stomach, brain and lung tissue, and adrenal gland. It is most abundantly expressed in skeletal muscle and adipose tissue.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.