

Monoacylglycerol Lipase Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (QDLPHLVNADGQY) corresponding to the internal amino acids of MGLL
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10978468

Applications	Tested Dilution	Publications
Western Blot (WB)	0.3-1 µg/mL	-
Immunohistochemistry (IHC)	5 µg/mL	-
Immunocytochemistry (ICC/IF)	10 µg/mL	-
Flow Cytometry (Flow)	10 µg/mL	-

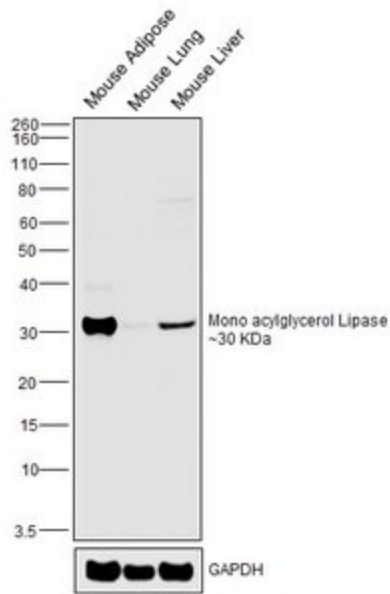
Product Specific Information

This antibody is predicted to react with bovine, canine, mouse, porcine and rat based on sequence homology.

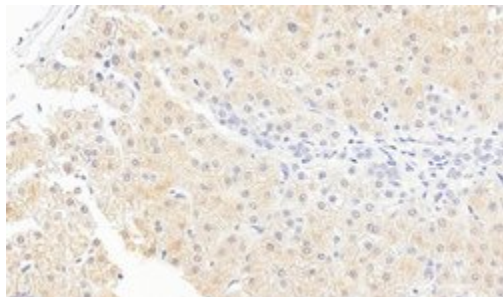
Advanced Verification Data

Monoacylglycerol Lipase Antibody (PA5-19001)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissue tested owing to their inherent genetic constitution. Relative expression of Monoacylglycerol Lipase was observed in Mouse Adipose in comparison as to Low or no expression in Mouse Lung and Mouse Liver using anti-Monoacylglycerol Lipase Polyclonal Antibody (Product # PA5-27915) in Western Blot. (<http://www.jbc.org/content/272/43/27218.full.pdf>) Relative expression validation info.



Product Images For Monoacylglycerol Lipase Polyclonal Antibody

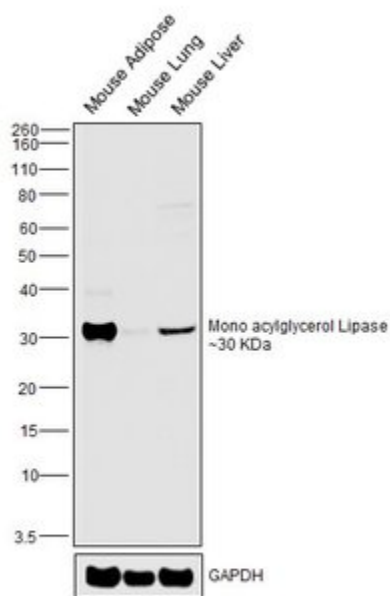


Monoacylglycerol Lipase Antibody (PA5-19001) in IHC

Immunohistochemical analysis of Monoacylglycerol Lipase in Human Liver using a Monoacylglycerol Lipase monoclonal antibody (Product #PA5-19001) at 5 µg/mL. The Human Liver tissue section was paraffin embedded and detected using Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

Monoacylglycerol Lipase Antibody (PA5-19001) in WB

Western blot was performed using Anti-Monoacylglycerol Lipase Polyclonal Antibody (Product # PA5-19001) and 30kDa band corresponding to Monoacylglycerol Lipase was observed in tissues tested with lower levels in Mouse Lung. Tissue extracts (30 µg lysate) of Mouse Adipose (Lane 1), Mouse Lung (Lane 2) and Mouse liver (Lane 3) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.5µg/ml) and detected by chemiluminescence with Rabbit anti-Goat IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27014, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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