

Product datasheet

Anti-Monoacylglycerol Lipase/MGL antibody [EPR6339] - BSA and Azide free ab248009

Recombinant RabMAb

3 Images

Overview

Product name	Anti-Monoacylglycerol Lipase/MGL antibody [EPR6339] - BSA and Azide free
Description	Rabbit monoclonal [EPR6339] to Monoacylglycerol Lipase/MGL - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab248009 is the carrier-free version of ab124796.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with</p>

these species. Please contact us for more information.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR6339
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab248009 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

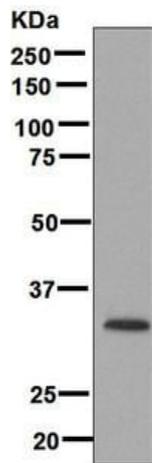
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 33 kDa.

Application notes Is unsuitable for ICC/IF, IHC-P or IP.

Target

Function	Converts monoacylglycerides to free fatty acids and glycerol. Hydrolyzes the endocannabinoid 2-arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociperception and perception of pain (By similarity). Regulates the levels of fatty acids that serve as signaling molecules and promote cancer cell migration, invasion and tumor growth.
Tissue specificity	Detected in adipose tissue, lung, liver, kidney, brain and heart.
Pathway	Glycerolipid metabolism; triacylglycerol degradation.
Sequence similarities	Belongs to the AB hydrolase superfamily. Monoacylglycerol lipase family.

Images



Western blot - Anti-Monoacylglycerol Lipase/MGL antibody [EPR6339] - BSA and Azide free (ab248009)

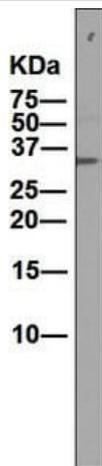
Anti-Monoacylglycerol Lipase/MGL antibody [EPR6339] ([ab124796](#)) at 1/1000 dilution + Human heart lysate at 10 µg

Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 33 kDa

This data was developed using [ab124796](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-Monoacylglycerol Lipase/MGL antibody [EPR6339] - BSA and Azide free (ab248009)

Anti-Monoacylglycerol Lipase/MGL antibody [EPR6339] ([ab124796](#)) at 1/1000 dilution + Human adipose tissue lysate at 10 µg

Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 33 kDa

This data was developed using [ab124796](#), the same antibody clone in a different buffer formulation.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Monoacylglycerol Lipase/MGL antibody
[EPR6339] - BSA and Azide free (ab248009)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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