

Anti-MGST3 antibody [2G10CG7] ab110309

画像数 2

製品の概要

製品名	Anti-MGST3 antibody [2G10CG7]
製品の詳細	Mouse monoclonal [2G10CG7] to MGST3
由来種	Mouse
アプリケーション	適用あり: ICC/IF, IP
種交差性	交差種: Mouse, Rat, Human
免疫原	Full length native protein (purified). This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	ICC/IF: HDFn cells IP: Human and Rat liver lysates
特記事項	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p>
精製度	Proprietary Purification
特記事項 (精製)	The purity of ab110309 is near homogeneity as judged by SDS-PAGE (purity >95%). The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
ポリ/モノ	モノクローナル

クローン名	2G10CG7
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

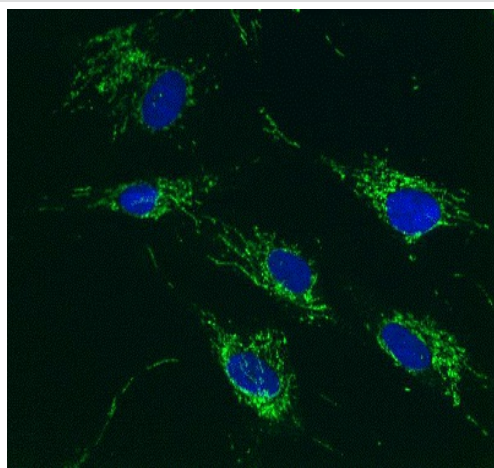
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab110309の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 2 µg/ml.
IP		Use at an assay dependent concentration.

ターゲット情報

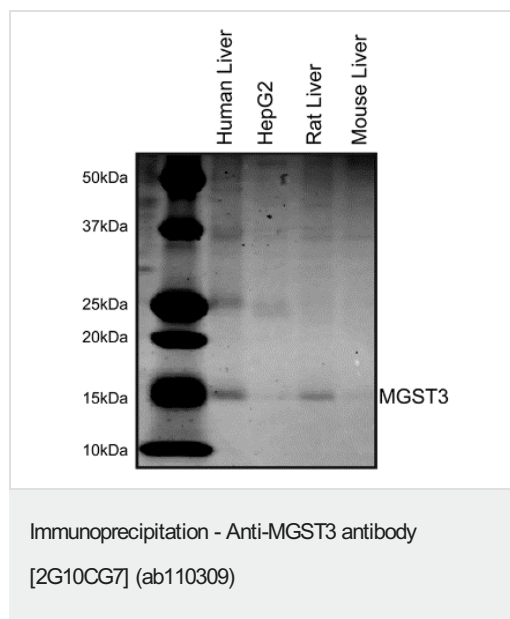
機能	Also functions as a glutathione peroxidase.
組織特異性	Predominantly expressed in heart, skeletal muscle, and adrenal cortex. Also found in brain, placenta, liver, kidney, pancreas, thyroid, testis and ovary. Almost absent in lung, thymus and peripheral blood leukocytes.
配列類似性	Belongs to the MAPEG family.
細胞内局在	Endoplasmic reticulum membrane. Microsome membrane. Microsome membrane.

画像



Immunocytochemistry image of ab110309-stained human HDFn cells. The cells were paraformaldehyde fixed (4%, 20 minutes) and Triton X-100 permeabilized (0.1%, 15 minutes). The cells were incubated with ab110309 at 2 µg/ml for 2 hours at room temperature or over night at 4°C. The secondary antibody was (green) Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1 hour. 10% Goat serum was used as the blocking agent for all blocking steps. Target protein locates primarily in the mitochondria.

Immunocytochemistry/ Immunofluorescence - Anti-MGST3 antibody [2G10CG7] (ab110309)



Using MitoSciences' standard immunoprecipitation protocol, ab110309 pulls down the 15kDa MGST3 protein from human and rat liver samples. HepG2 lysate and mouse liver lysate yielded smaller amounts. This identity of this protein was confirmed by mass spectrometry. This gel was stained with coomassie.

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