

Anti-Liver Arginase antibody [ARG1/1125] ab215843

画像数 3

製品の概要

製品名	Anti-Liver Arginase antibody [ARG1/1125]
製品の詳細	Mouse monoclonal [ARG1/1125] to Liver Arginase
由来種	Mouse
アプリケーション	適用あり: Protein Array, IHC-P, WB
種交差性	交差種: Human
免疫原	Recombinant fragment within Human Liver Arginase aa 1-150. The exact sequence is proprietary. 87 amino acids long. NCBI Accession No. 440934. Database link: P05089
ポジティブ・コントロール	Human hepatocellular carcinoma tissue. 293T cells. Huma liver lysate. Recombinant Human Liver Arginase protein fragment.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.05% BSA, 99% PBS
精製度	Protein A/G purified
ポリ/モノ	モノクローナル
クローン名	ARG1/1125
アイソタイプ	IgG3

アプリケーション

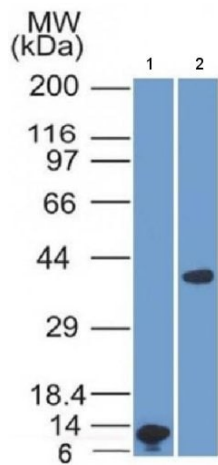
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab215843の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Protein Array		Use at an assay dependent concentration.
IHC-P		Use a concentration of 2 - 4 µg/ml. Primary incubation for 30 minutes at room temperature. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at room temperature for 20 minutes.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 35 kDa.

ターゲット情報

パスウェイ	Nitrogen metabolism; urea cycle; L-ornithine and urea from L-arginine: step 1/1.
関連疾患	Defects in ARG1 are the cause of argininemia (ARGIN) [MIM:207800]; also known as hyperargininemia. Argininemia is a rare autosomal recessive disorder of the urea cycle. Arginine is elevated in the blood and cerebrospinal fluid, and periodic hyperammonemia occurs. Clinical manifestations include developmental delay, seizures, mental retardation, hypotonia, ataxia, progressive spastic quadriplegia.
配列類似性	Belongs to the arginase family.
細胞内局在	Cytoplasm.

画像



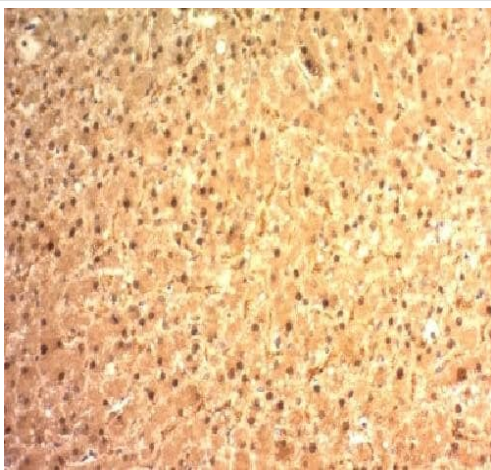
Western blot - Anti-Liver Arginase antibody
[ARG1/1125] (ab215843)

All lanes : Anti-Liver Arginase antibody [ARG1/1125] (ab215843)
at 1 µg/ml

Lane 1 : recombinant Human Liver Arginase protein fragment

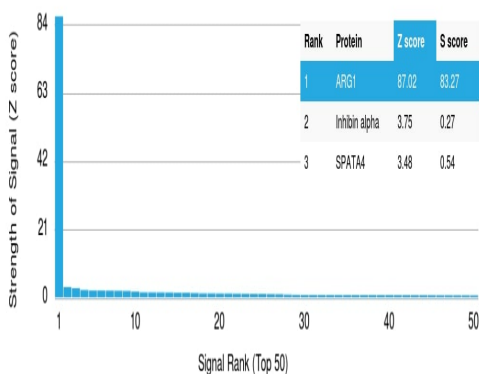
Lane 2 : Human liver lysate

Predicted band size: 35 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Liver Arginase antibody
[ARG1/1125] (ab215843)

Immunohistochemical analysis of formalin-fixed paraffin-embedded Human hepatocellular carcinoma tissue, labeling Liver Arginase using ab215843 at 4 µg/mL.



Protein Array - Anti-Liver Arginase antibody
[ARG1/1125] (ab215843)

ab215843 was tested in protein array against over 19000 different full-length human proteins.

Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target.

A MAb is specific to its intended target if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-

score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors