

### Anti-Liver Arginase antibody [ARG1/1125] ab215843

#### 3 图像

#### 概述

产品名称	Anti-Liver Arginase抗体[ARG1/1125]
描述	小鼠单克隆抗体[ARG1/1125] to Liver Arginase
宿主	Mouse
经测试应用	适用于: Protein Array, IHC-P, WB
种属反应性	与反应: 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: <a href="#">P05089</a>
阳性对照	Human hepatocellular carcinoma tissue. 293T cells. Huma liver lysate. Recombinant Human Liver Arginase protein fragment.
常规说明	<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&amp;As</p>

#### 性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.05% BSA, 99% PBS
纯度	Protein A/G purified
克隆	单克隆
克隆编号	ARG1/1125
同种型	IgG3

轻链类型

kappa

应用

The Abpromise guarantee

**Abpromise™**承诺保证使用ab215843于以下的经测试应用

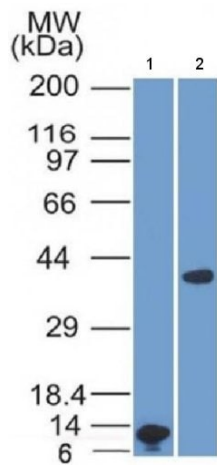
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

通路	Nitrogen metabolism; urea cycle; L-ornithine and urea from L-arginine: step 1/1.
疾病相关	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.
序列相似性	Belongs to the arginase family.
细胞定位	Cytoplasm.

图片



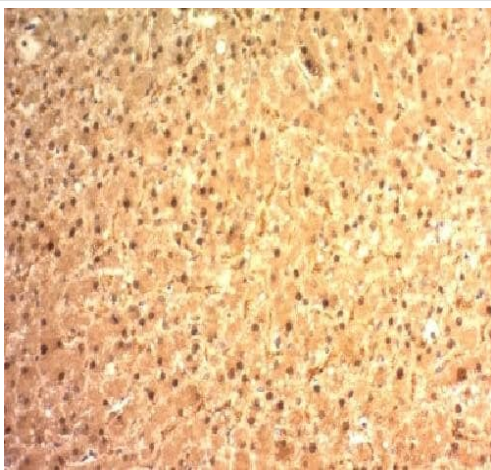
Western blot - Anti-Liver Arginase antibody  
[ARG1/1125] (ab215843)

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

**Lane 1 :** recombinant Human Liver Arginase protein fragment

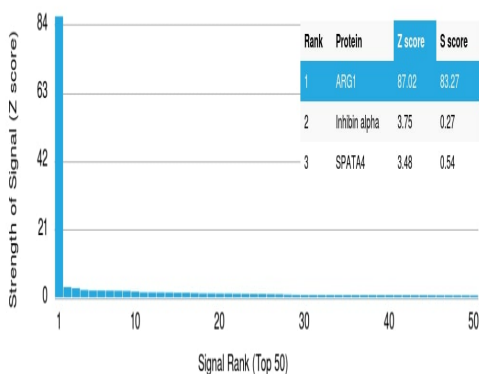
**Lane 2 :** Human liver lysate

**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"

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- Extensive multi-media technical resources to help you
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