

小鼠抗 ARG2 单克隆抗体

中文名称: 小鼠抗 ARG2 单克隆抗体

英文名称: Anti-ARG2 mouse monoclonal antibody

别名: L-arginine amidinohydrolase; L-arginine ureahydrolase; arginase 2; kidney arginase; nonhepatic arginase; arginase, type II

抗原: ARG2

储存: 冷冻 (-20°C) 避光

宿主: Mouse

反应种属: Human, Dog, Rat

相关类别: 一抗

标记物: Unconjugate

克隆类型: mouse monoclonal

技术规格

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| Background: | Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type II isoform encoded by this gene, is located in the mitochondria and expressed in extra-hepatic tissues, especially kidney. The physiologic role of this isoform is poorly understood; it is thought to play a role in nitric oxide and polyamine metabolism. Transcript variants of the type II gene resulting from the use of alternative polyadenylation sites have been described. |
| Applications: | WB, IHC, IF |
| Name of antibody: | ARG2 |
| Immunogen: | Fusion protein of human ARG2 |

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| Full name: | arginase 2 (ARG2) |
| Synonyms: | L-arginine amidinohydrolase; L-arginine ureahydrolase; arginase 2; kidney arginase; nonhepatic arginase; arginase, type II |
| SwissProt: | P78540 |
| IHC positive control: | human prostate tissue and adenocarcinoma of human colon tissue; carcinoma of human prostate tissue |
| IHC Recommend dilution: | 30-150 |
| WB Predicted band size: | 39 kDa |
| WB Positive control: | HepG2, Hela, Jurkat, MDCK, PC12 cell lysates |
| WB Recommended dilution: | 500-2000 |