Arginase-1

PLD-537

Package：可询价

Product Name : Arginase-1
Cat.No.: PLD-537
Synonyms : Liver-type arginase; Type I arginase
Application : IHC-P
Reactivity : Human
Host species : Rabbit

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 I isoform encoded by this gene, is a cytosolic enzyme and expressed predominantly in the liver as a component of the urea cycle. Inherited deficiency of this enzyme results in argininemia, an autosomal recessive disorder characterized by hyperammonemia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Gene ID	383
Swiss Prot	P05089
Synonyms	Liver-type arginase; Type I arginase
Reactivity	Human
Application	IHC-P
Recommended dilution	1:200-1:400
Host species	Rabbit
Clonality	Monoclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.