

# Arginase II Antibody FITC Conjugated

Catalog No: #C01179F

Package Size: #C01179F 100ul

## Description

|                       |                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------|
| Product Name          | Arginase II Antibody FITC Conjugated                                                          |
| Host Species          | Rabbit                                                                                        |
| Clonality             | Polyclonal                                                                                    |
| Isotype               | IgG                                                                                           |
| Purification          | Purified by Protein A.                                                                        |
| Applications          | ICC,IF                                                                                        |
| Species Reactivity    | Hu Ms Rt                                                                                      |
| Immunogen Description | KLH conjugated synthetic peptide aa 180-230 354 derived from human Arginase II                |
| Conjugates            | FITC                                                                                          |
| Target Name           | Arginase II                                                                                   |
| Other Names           | Arginase-2, mitochondrial; Kidney-type arginase; Non-hepatic arginase; Type II arginase; ARG2 |
| Accession No.         | Swiss-Prot#P78540NCBI Gene ID384                                                              |
| Cell Localization     | Helical                                                                                       |
| Concentration         | 1mg ml                                                                                        |
| Formulation           | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.                              |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.               |

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

May play a role in the regulation of extra-urea cycle arginine metabolism and also in down-regulation of nitric oxide synthesis. Extrahepatic arginase functions to regulate L-arginine bioavailability to NO synthase. Since NO synthase is found in the penile corpus cavernosum smooth muscle, the clitoral corpus cavernosum and the vagina, arginase II plays a role in both male and female sexual arousal. It is therefore a potential target for the treatment of male and female sexual arousal disorders.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.