

Arginase II Antibody FITC Conjugated

Catalog No: #C01179F

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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
Uniprot	P78540
GeneID	384;
Excitation Emission	494nm 518nm
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