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[Primary Antibody]

Mouse Anti-Arginase2 antibody

Catalog Number: SLM-60263M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/kappa
Clonality:	Monoclonal
Clone No.:	C8A5
Target:	Arginase2
Purification:	Affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Rat)
Subcellular Location:	The cell membrane
Background:	May play a role in regulating arginine metabolism outside the urea cycle and in reducing nitric oxide synthesis. Arginine metabolism is an important regulator of innate and adaptive immune responses. Seems to be involved in the negative regulation of the survival capacity of activated CD4+ and CD8+ T cells. May also suppress asthma airway epithelial inflammation-related signaling. May also contribute to H. pylori immune evasion by limiting M1 macrophage activation and polyamine metabolism. In fetuses, dendritic cells may promote immunosuppression and T cell TNF-alpha production during pregnancy. Regulates RPS6KB1 signaling, which can promote endothelial cells senescence and inflammation, and affect NOS3/eNOS dysfunction.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.