

PADI4 Antibody FITC Conjugated

Catalog No: #C00218F

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Description

Product Name	PADI4 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide derived from human PADI4
Conjugates	FITC
Target Name	PADI4
Other Names	EC 3.5.3.15; HL 60 PAD; HL-60 PAD; PAD 4; PAD; PADI 4; PADI 5; PADI H protein; PADI5; PDI 4; PDI 5; PDI4; PDI5; Padi4; PADI4_HUMAN; Peptidyl arginine deiminase type IV; Peptidyl arginine deiminase type V; Peptidylarginine deiminase IV; Protein arginine deiminase; Protein-arginine deiminase type IV;
Accession No.	NCBI Gene ID23569
Uniprot	Q9UM07
GeneID	23569;
Excitation Emission	494nm 518nm
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

Flow-Cyt=1:50-200

Background

PADI4 (peptidyl arginine deiminase, type IV) catalyzes the deimination of arginine residues of proteins. Down-regulates histone H3 and H4 arginine methylation, both by preventing arginine methylation by CARM1 and HRMT1L2 PRMT1 and by converting methylarginine to citrulline. subcellular location at cytoplasmic granules. Belongs to the protein arginine deiminase family. This gene may play a role in granulocyte and macrophage development leading to inflammation and immune response.

Note: This product is for in vitro research use only