



Human PADI4 blocking peptide (CDBP2181)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PAD4/PADI4 antibody
Antigen Description	This gene is a member of a gene family which encodes enzymes responsible for the conversion of arginine residues to citrulline residues. This gene may play a role in granulocyte and macrophage development leading to inflammation and immune response. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	PADI4 peptidyl arginine deiminase, type IV [Homo sapiens (human)]
Official Symbol	PADI4
Synonyms	PADI4; peptidyl arginine deiminase, type IV; PAD; PAD4; PDI4; PDI5; PADI5; protein-arginine deiminase type-4; HL-60 PAD; PADI-H protein; protein-arginine deiminase type IV; peptidyl arginine deiminase, type V;
Entrez Gene ID	23569

mRNA Refseq	NM_012387.2
Protein Refseq	NP_036519.2
UniProt ID	Q9UM07
Chromosome Location	1p36.13
Pathway	protein citrullination, organism-specific biosystem; protein citrullination, conserved biosystem;
Function	arginine deiminase activity; calcium ion binding; protein binding; protein-arginine deiminase activity;