PADI4 rabbit monoclonal antibody

Catalog # H00023569-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PADI4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PADI4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PADI4 peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — PADI4

Entrez GeneID	23569
GeneBank Accession#	PADI4
Gene Name	PADI4
Gene Alias	PAD, PAD4, PADI5, PDI4, PDI5
Gene Description	peptidyl arginine deiminase, type IV
Omim ID	180300 605347
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	HL-60 PAD|OTTHUMP00000002482|PADI-H protein|peptidyl arginine deiminase, type V|protein-arginine deiminase

Disease

- Arthritis
- Asthma
- Autoimmune Diseases
- Carcinoma
- Chronic Disease
- Colitis
- Crohn Disease
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility

- Genetic Predisposition to Disease
- Graft vs Host Disease
- Immune System Diseases
- Malignant melanoma
- Melanoma
- Multiple Sclerosis
- Rheumatic Diseases
- Schizophrenia
- Skin Neoplasms