

Product name:	Padi4 Rabbit Monoclonal Antibody
Cat number:	MABN87825
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of mouse Padi4
Reactivity:	Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:200-1:1000
Molecular Weight:	Calculated MW:74 kDa; Observed MW:74 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	Enables protein-arginine deiminase activity. Involved in histone citrullination; nucleosome assembly; and stem cell population maintenance. Predicted to be part of protein-containing complex. Predicted to be active in cytoplasm and nucleus. Is expressed in blastocyst; early embryo; and oocyte. Orthologous to human PADI4 (peptidyl arginine deiminase 4). [provided by Alliance of Genome Resources, Apr 2022]