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Product datasheet for TA504896

PADI4 Mouse Monoclonal Antibody [Clone ID: OTI5C10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5C10
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment correspongding to amino acids 299-588 of human PADI4(NP_036519) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	73.9 kDa
Gene Name:	peptidyl arginine deiminase 4
Database Link:	NP_036519 Entrez Gene 23569 Human Q9UM07
Background:	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]
Synonyms:	PAD; PAD4; PADI5; PDI4; PDI5

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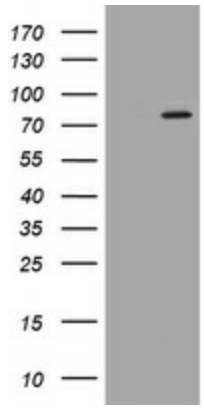
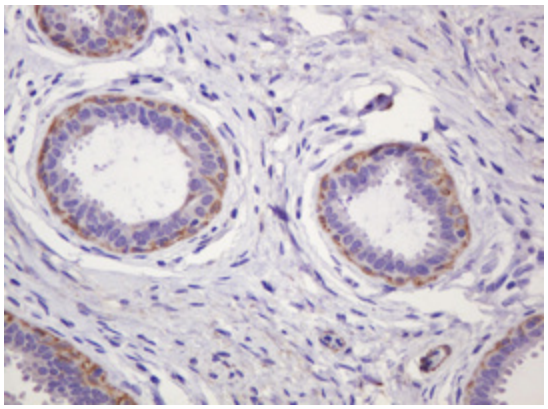
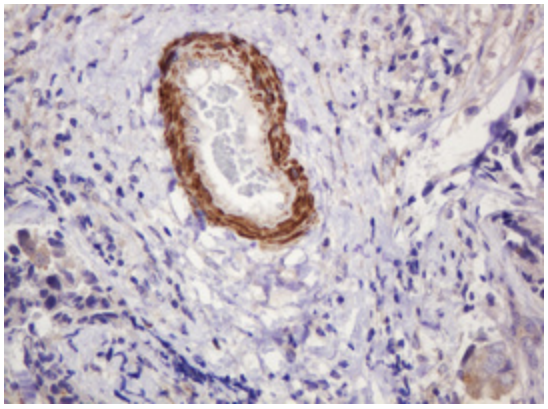
Product images:



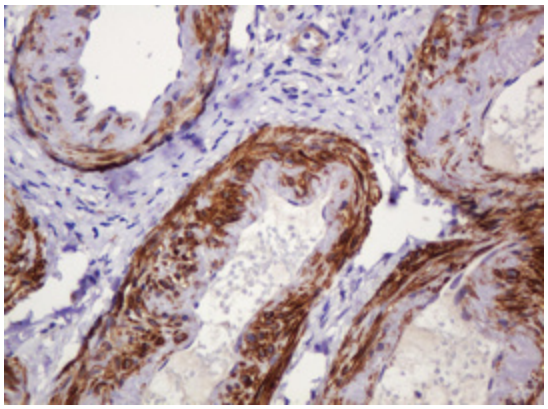
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PADI4 ([RC206501], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PADI4. Positive lysates [LY402202] (100ug) and [LC402202] (20ug) can be purchased separately from OriGene.



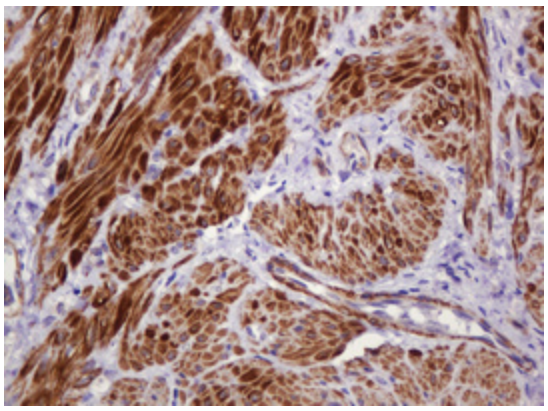
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-PADI4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA504896)



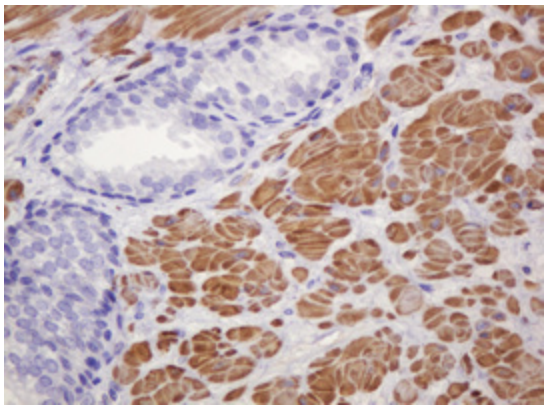
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-PADI4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA504896)



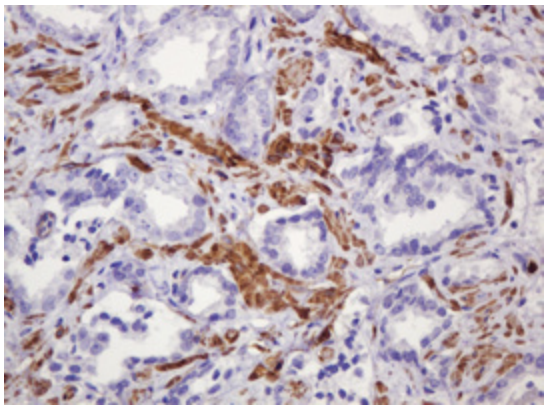
Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-PADI4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA504896)



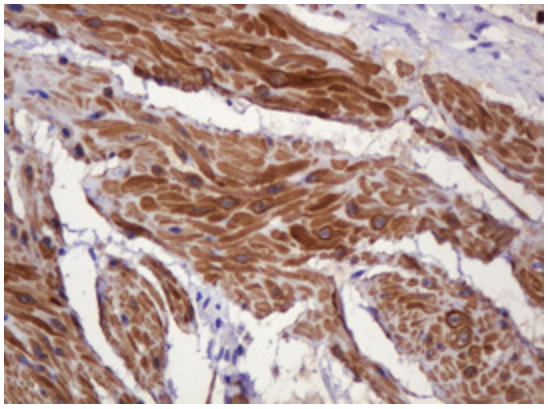
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-PADI4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA504896)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PADI4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA504896)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PADI4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA504896)



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-PADI4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA504896)