

Product datasheet for **TA504897**

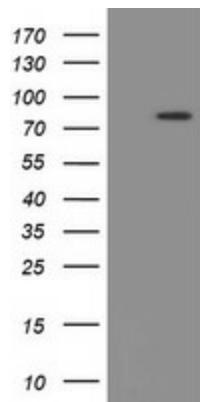
PADI4 Mouse Monoclonal Antibody [Clone ID: OTI5B7]

Product data:

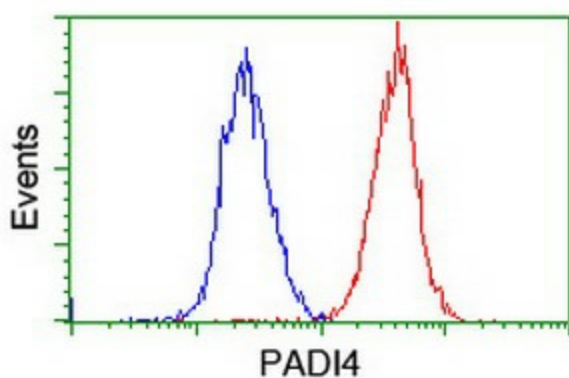
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|--------------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI5B7 |
| Applications: | FC, WB |
| Recommended Dilution: | WB 1:2000, FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding 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] |
| Synonyms: | PAD; PAD4; PADI5; PDI4; PDI5 |



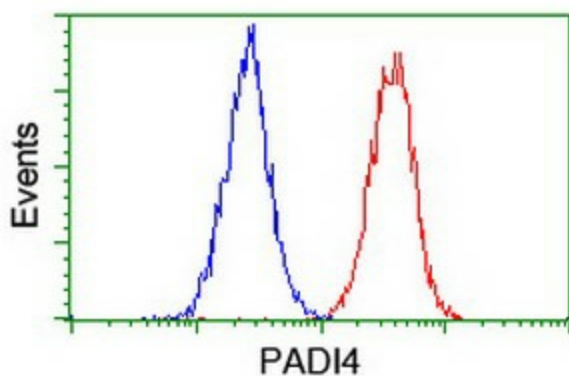
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Product images:

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.



Flow cytometric Analysis of HeLa cells, using anti-PADI4 antibody (TA504897), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-PADI4 antibody (TA504897), (Red), compared to a nonspecific negative control antibody, (Blue).