

Anti-PADI4 antibody

Cat. No.	ml221092
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PADI4 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human PADI4
Reactivity	Human
Content	0.1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PADI4
Full name	peptidyl arginine deiminase, type IV
Synonyms	PAD; PAD4; PDI4; PDI5; PADI5
Swissprot	Q9UM07

Target 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. PADI4 plays a role in the epigenetics, the deimination of arginines on histones 3 and 4 can act antagonistically to arginine methylation. The protein may be found in oligomers and binds 5 calcium ions per subunit. It catalyses the reaction: Protein L-arginine + H₂O = protein L-citrulline + NH₃.

订购热线: 4008-898-798

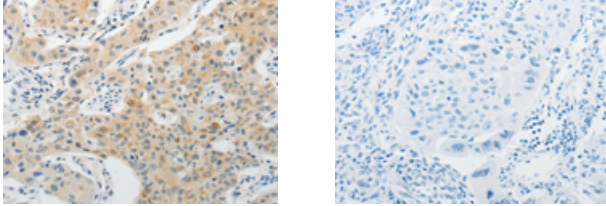
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml221092(PADI4 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 1000-2000

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