

Anti-PDCD6 antibody

Cat. No.	ml221113
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PDCD6 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human PDCD6
Reactivity	Human, Mouse
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PDCD6
Full name	programmed cell death 6

Synonyms ALG-2, PEF1B

Swissprot O75340

Target Background

This gene encodes a calcium-binding protein belonging to the penta-EF-hand protein family. Calcium binding is important for homodimerization and for conformational changes required for binding to other protein partners. This gene product participates in T cell receptor-, Fas-, and glucocorticoid-induced programmed cell death. In mice deficient for this gene product, however, apoptosis was not blocked suggesting this gene product is functionally redundant. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is also located on the short arm of chromosome 5.

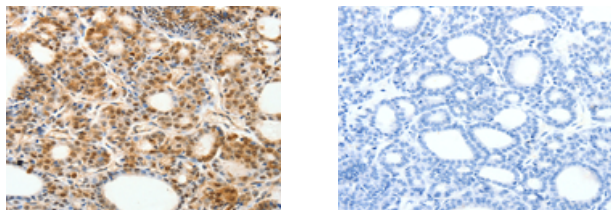
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221113(PD6 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 22 kDa

Positive control: Jurkat and hela cells, human fetal lung tissue and A549 cells

Recommended dilution: 200-1000

Gel: 10+12%SDS-PAGE

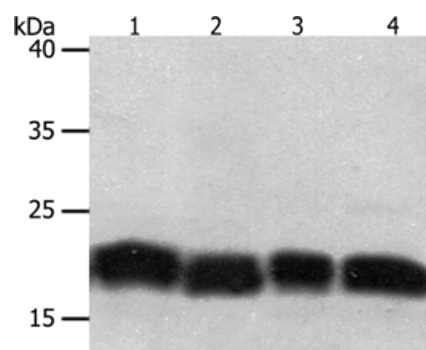
Lysate: 50 µg

Lane 1-4: Jurkat cells, hela cells, human fetal lung tissue, A549 cells

Primary antibody: ml221113(PDCD6 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 1000-5000

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