

Anti-CD27 antibody

Cat. No.	ml222070
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CD27 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human CD27
Reactivity	Human
Content	0.9 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CD27
Full name	CD27 molecule

Synonyms T14; S152; Tp55; TNFRSF7; S152. LPFS2

Swissprot P26842

Target Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

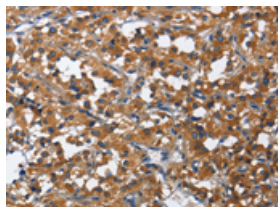
Applications

Immunohistochemistry

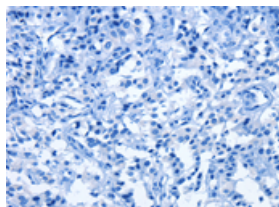
Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200



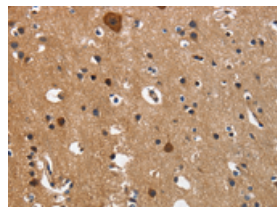
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml222070(CD27 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)



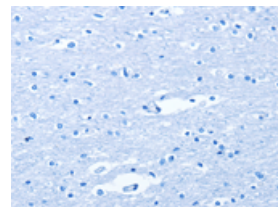
Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml222070(CD27 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)



Western blotting

Predicted band size: 29 kDa

Positive control: Raji, PC3 and Iovo cells

Recommended dilution: 1000-5000

Gel: 10%SDS-PAGE

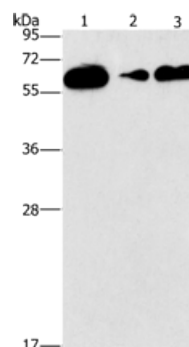
Lysate: 40 μ g

Lane 1-3: Raji cells, PC3 cells, Iovo cells

Primary antibody: ml222070(CD27 Antibody) at dilution 1/727

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

Exposure time: 1 minute



ELISA

Recommended dilution: 2000-5000

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