

## Product datasheet for **TA349774S**

### CD27 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Raji, PC3 and Iovo cells IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CD27
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	CD27 molecule
Database Link:	<a href="#">NP_001233</a> <a href="#">Entrez Gene 939 Human</a> <a href="#">P26842</a>



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**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.

**Synonyms:**

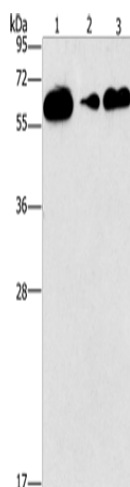
S152; S152. LPFS2; T14; TNFRSF7; Tp55

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Cytokine-cytokine receptor interaction

**Product images:**

Gel: 10%SDS-PAGE

Lysate: 40 µg

Lane 1-3: Raji cells

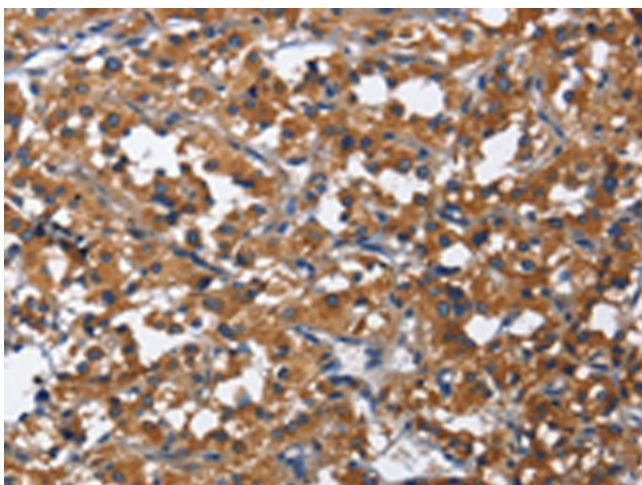
PC3 cells

Iovo cells

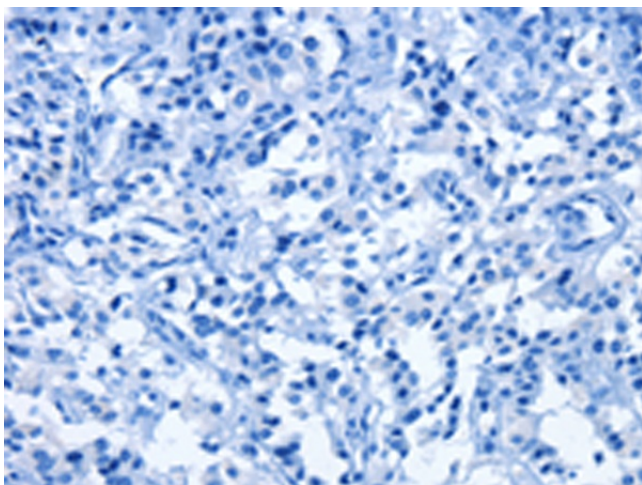
Primary antibody: [TA349774] (CD27 Antibody) at dilution 1/727

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

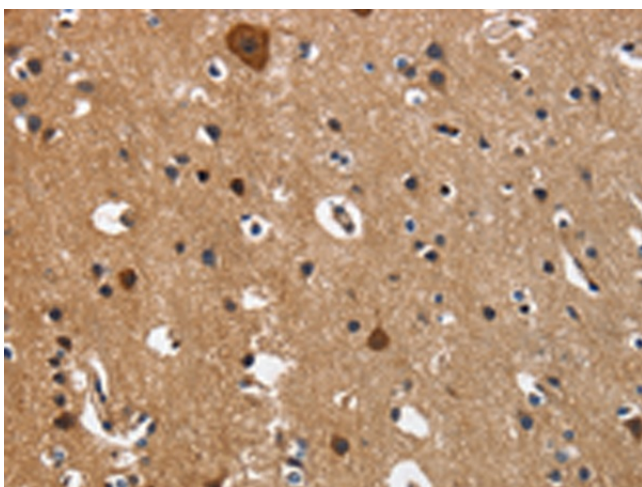
Exposure time: 1 minute



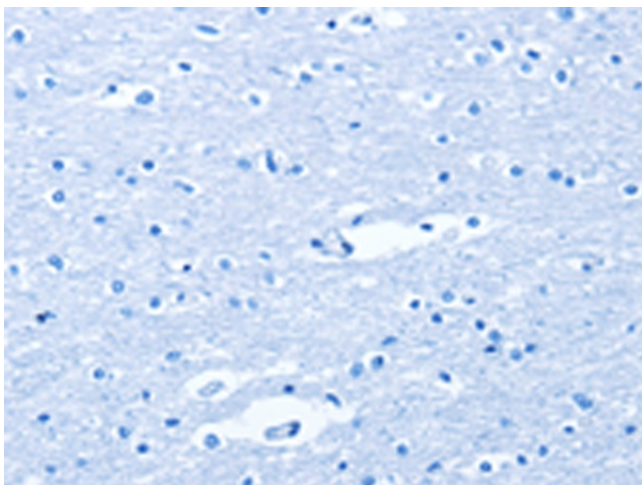
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349774] (CD27 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349774] (CD27 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA349774] (CD27 Antibody) at dilution 1/60 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA349774] (CD27 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification:  $\times 200$ )