

# CD27 Rabbit mAb

Catalog No.: A11505 **Recombinant** **1 Publications**

## Basic Information

**Observed MW**

55kDa

**Calculated MW**

29kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IF/ICC

**Cross-Reactivity**

Human, Rat

**CloneNo number**

ARC0625

## 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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

**Gene ID**

939

**Swiss Prot**

P26842

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CD27 (P26842).

**Synonyms**

T14; S152; Tp55; TNFRSF7; S152. LPFS2; CD27

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

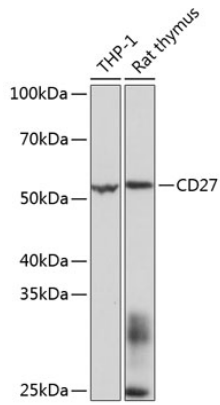
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts from various cell lines, using CD27 Rabbit mAb (A11505) at 1:1000 dilution.

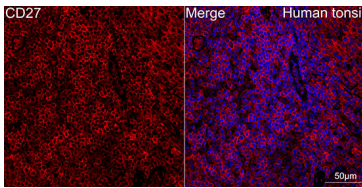
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3s.



Confocal imaging of human tonsil using CD27 Rabbit mAb (A11505, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.