

## CD27 Antibody [clone 203.6] (V2986)

Catalog No.	Formulation	Size
V2986-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2986-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2986SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

 [Citations \(1\)](#)
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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG3, kappa
<b>Clone Name</b>	203.6
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P26842
<b>Localization</b>	Cell surface
<b>Applications</b>	Flow Cytometry : 1-2ug/10 <sup>6</sup> cells Immunofluorescence : 1-2ug/ml
<b>Limitations</b>	This CD27 antibody is available for research use only.



## Description

Recognizes a protein of a disulfide-linked 120kDa dimer, identified as CD27 (Workshop VI; Code 6T-028). CD27 is expressed on the majority of peripheral T cells, medullary thymocytes, memory-type B cells, and natural killer cells. It is a transmembrane phosphoglycoprotein that belongs to the tumor necrosis factor receptor (TNFR) superfamily. CD27 binds to its ligand CD70, a member of the TNF family, and induces T-cell co-stimulation and B-cell activation. It also interacts with TRAFs and is involved in activation of NF<sub>B</sub> and SAPK/JNK and induces apoptosis.

## Application Notes

Optimal dilution of the CD27 antibody should be determined by the researcher.

## Immunogen

Sezary cells were used as the immunogen for the CD27 antibody.

## Storage

Store the CD27 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).