

For Research Use Only

Biotin Anti-Human CD27 (O323) Mouse IgG2a Recombinant Antibody

Catalog Number: Biotin-65627



Basic Information

Catalog Number:

Biotin-65627

Size:

100ug , 500 µg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC012160

GeneID (NCBI):

939

ENSEMBL Gene ID:

ENSG00000139193

Full Name:

CD27 molecule

Calculated MW:

29 kDa

Purification Method:

Protein A purification

CloneNo.:

O323

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD27 (also known as TNFRSF7) is a type I glycoprotein expressed on some B cells and the majority of T cells, and is a member of the tumor necrosis factor (TNF) receptor family. CD27 is required for generation and long-term maintenance of T cell immunity (PMID: 11062504). It is a receptor for CD70 (CD27L). Ligation of CD27 by CD70 induces strong ubiquitination of TRAF and the activation of both canonical and non-canonical NF-kappaB pathways, as well as the JNK pathway (PMID: 19426224). CD27 may also play a role in apoptosis through association with SIVA1.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

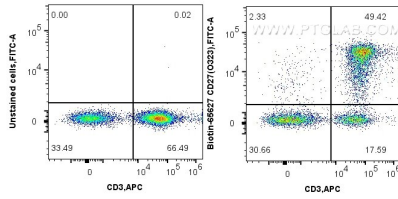
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

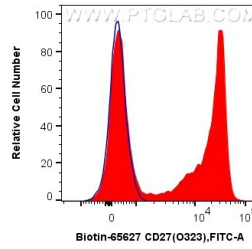
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD27 (O323) Mouse IgG2a RecAb (Biotin-65627, Clone: O323) and CoraLite®488-conjugated streptavidin, or unstained. Cells were co-stained with APC Anti-Human CD3. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD27 (O323) Mouse IgG2a RecAb (Biotin-65627, Clone: O323) (red) and CoraLite®488-conjugated streptavidin, or unstained (blue). Cells were not fixed.