

For Research Use Only

Biotin Anti-Mouse CD24 Rabbit Recombinant Antibody

Catalog Number: Biotin-98176



Basic Information

Catalog Number:

Biotin-98176

Size:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2104

GenBank Accession Number:

NM_009846.2

GeneID (NCBI):

12484

UNIPROT ID:

P24807

Full Name:

CD24a antigen

Calculated MW:

8 kDa

Purification Method:

Protein A purification

CloneNo.:

241691D7

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse splenocytes,

Background Information

CD24 (known as heat stable antigen) is a small highly glycosylated GPI-linked sialoprotein. It is normally expressed at the surface of most B lymphocytes and differentiating neuroblasts, and it is also up-regulated in a wide variety of cancers. Studies have shown that CD24 functions in the regulation of B-cell apoptosis, leukocyte signal transduction, and leukocyte adhesion.

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

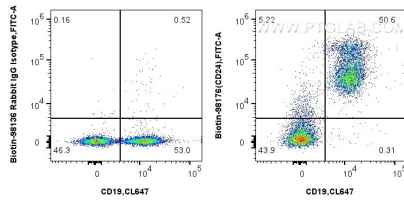
For technical support and original validation data for this product please contact:

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

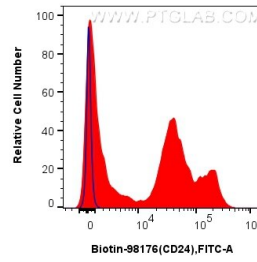
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD24 Rabbit RecAb (Biotin-98176, Clone: 241691D7) or Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-98136, Clone: 240953C9), and Streptavidin-CoraLite® Plus 488 Conjugate (CL488-PF00030). Cells were co-stained with CoraLite® Plus 647 Anti-Mouse CD19. Cells were not fixed.



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD24 Rabbit RecAb (Biotin-98176, Clone: 241691D7) (red) or Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-98136, Clone: 240953C9) (blue), and Streptavidin-CoraLite® Plus 488 Conjugate (CL488-PF00030). Cells were not fixed.