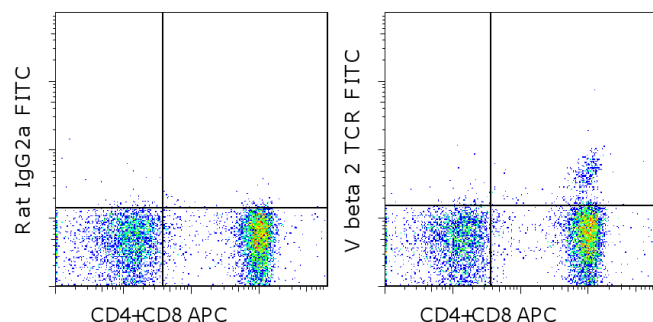


Anti-Mouse V beta 2 TCR FITC

Catalog Number: 11-5804

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of C57Bl/6 lymph node cells with Anti-Mouse CD4 APC (cat. 17-0041) with Anti-Mouse CD6 APC (cat. 17-0081) and 0.5 ug of Rat IgG2a K Isotype Control FITC (cat. 11-4321) (left) or 0.5 ug of Anti-Mouse V beta 2 TCR FITC (right). Total viable cells were used for analysis.

Product Information



Contents: Anti-Mouse V beta 2 TCR FITC

Catalog Number: 11-5804

Clone: B20.6

Concentration: 0.5 mg/mL

Host/Isotype: Rat IgG2a, kappa



Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material.



Batch Code: Refer to vial



Use By: Refer to vial

Description

The B20.6 monoclonal antibody reacts with the mouse T-cell receptor (TCR) V beta 2 chain. Neonatal T cells which express V beta 2, and are exposed to the Balb/cV virus are eliminated during negative selection, while adult T cells expressing V beta 2 and exposed to the Balb/cV virus are clonally expanded.

Applications Reported

This B20.6 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This B20.6 antibody has been tested by flow cytometric analysis of lymph node cells. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Pircher H, Rebaï N, Groettrup M, Grégoire C, Speiser DE, Happ MP, Palmer E, Zinkernagel RM, Hengartner H, Malissen B. Preferential positive selection of V alpha 2+ CD8+ T cells in mouse strains expressing both H-2k and T cell receptor V alpha a haplotypes: determination with a V alpha 2-specific monoclonal antibody. Eur J Immunol. 1992 Feb;22(2):399-404.

Necker A, Rebaï N, Matthes M, Jouvin-Marche E, Cazenave PA, Swarnworawong P, Palmer E, MacDonald HR, Malissen B. Monoclonal antibodies raised against engineered soluble mouse T cell receptors and specific for V alpha 8-, V beta 2- or V beta 10-bearing T cells. Eur J Immunol. 1991 Dec;21(12):3035-40.

Related Products

11-4321 Rat IgG2a K Isotype Control FITC (eBR2a)

17-0041 Anti-Mouse CD4 APC (GK1.5)

17-0081 Anti-Mouse CD8a APC (53-6.7)

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com • info@ebioscience.com

Anti-Mouse V beta 2 TCR FITC

Catalog Number: 11-5804

RUO: For Research Use Only. Not for use in diagnostic procedures.

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •
info@ebioscience.com