

Purified anti-mouse TCR V α 2

Catalog # / Size: 127802 / 250 μ g

Clone: B20.1

Isotype: Rat IgG2a, λ

Immunogen: Soluble TCR from mouse CTL clone KB5-C20

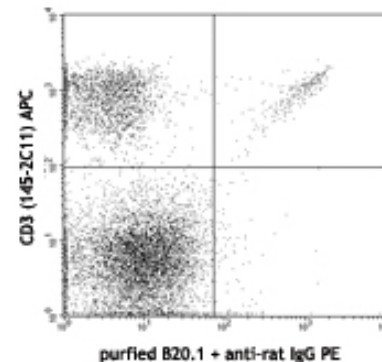
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



C57BL/6 splenocytes stained with CD3 (145-2C11) APC and purified B20.1, followed by anti-rat IgG PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 μ g per 10^6 cells in 100 μ l volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: The B20.1 antibody recognizes most members of the V α 2 TCR subfamily in mice having the a, b, and c haplotypes.

Application References:

1. Pircher H, *et al.* 1992. *Eur. J. Immunol.* 22:399.
2. Gregoire C, *et al.* 1991. *P. Natl. Acad. Sci. USA* 88:8077.
3. Kao C, *et al.* 2005. *Int. Immunol.* 17:1607. PubMed
4. Steptoe RJ, *et al.* 2007. *J. Immunol.* 178:2094. PubMed
5. Rao RR, *et al.* 2012. *Immunity.* 36:374. PubMed

Description: The TCR alpha (α) chain complexes with the TCR beta (β) chain to form the T cell receptor in 95% of T cells, whereas the remaining 5% of T cells express gamma and delta chains (γ/δ). TCR V α 2 is a distinct TCR subfamily found in mice having the a, b, and c haplotypes.

Antigen References:

1. Kubo RT, *et al.* 1989. *J. Immunol.* 142:2736.
2. Pircher H, *et al.* 1992. *Eur. J. Immunol.* 22:399.

Related Products:

Product
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone

Application
FC, ICC, ICFC
FC, ICFC



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