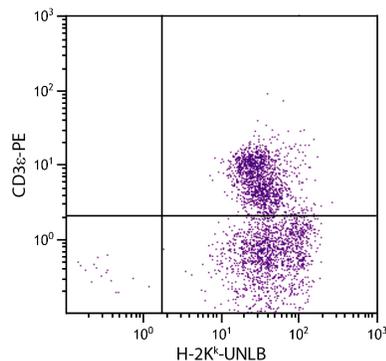




Mouse Anti-Mouse H-2K^k

Cat. No.	Format	Size
1893-01	Purified (UNLB)	0.5 mg



AKR mouse splenocytes were stained with Mouse Anti-Mouse H-2K^k-UNLB (SB Cat. No. 1893-01) and Rat Anti-Mouse CD3ε-PE (SB Cat. No. 1535-09) followed by Goat Anti-Mouse IgG_{2a}, Human ads-FITC (SB Cat. No. 1080-02).

Overview

Clone	11-4.1
Isotype	Mouse (BALB/c) IgG _{2a} ^k
Immunogen	CKB cells
Specificity	Mouse H-2K ^k
Alternate Name(s)	MHC Class I

Description

The monoclonal antibody 11-4.1 reacts with the H-2K^k MHC class I alloantigen. The antibody may react with other (e.g., *p*, *q*, and *r*) haplotypes.

Applications

FC – Quality tested ^{1,2,4}
 IP – Reported in literature ^{1,5,7}
 ELISA – Reported in literature ^{3,6}
 Purification – Reported in literature ^{3,5,7}

Working Dilutions

Flow Cytometry Purified (UNLB) antibody ≤ 1 μg/10⁶ cells
 For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- Reagents are stable for the period shown on the label if stored as directed.

References

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3. Warner CM, Gollnick SO. Expression of H-2K major histocompatibility antigens on preimplantation mouse embryos. *Biol Reprod.* 1993;48:1082-7. (ELISA, Purification)
4. Farrar MA, Fernandez-Luna J, Schreiber RD. Identification of two regions within the cytoplasmic domain of the human interferon- γ receptor required for function. *J Biol Chem.* 1991;266:19626-35. (FC)
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6. Warner CM, Gollnick SO, Goldbard SB. Linkage of the preimplantation-embryo-development (Ped) gene to the mouse major histocompatibility complex (MHC). *Biol Reprod.* 1987;36:606-10. (ELISA)
7. Herrmann SH, Mescher MF. Purification of the H-2K^k molecule of the murine major histocompatibility complex. *J Biol Chem.* 1979;254:8713-6. (IP, Purification)