



CELL LAB Mouse Anti-Mouse H-2K^k

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
732523	Purified (UNLB) Antibody	0.5 mg
732524	Fluorescein (FITC) Conjugate	0.5 mg
732525	Biotin (BIOT) Conjugate	0.5 mg
732526	Phycoerythrin (PE) Conjugate	0.1 mg

For Laboratory Use Only

DESCRIPTION

Clone: 36-7-5
Isotype: Mouse (A.TL) IgG2a κ
Immunogen: A.AL mouse splenocytes
Specificity: An epitope on mouse H-2K^k MHC class I alloantigen

Monoclonal antibody (MAb) 36-7-5 reacts with the H-2K^k MHC class I alloantigen. Cross-reactivity with splenocytes of SJL/Hsd mice has been observed by flow cytometric analysis. The antibody does not react with other (for example, *b*, *d*, *q*) haplotypes.

APPLICATIONS

- Flow cytometry
- Complement-dependent cytotoxicity
- Immunohistochemistry (acetone-fixed, frozen sections only)

CHARACTERIZATION

To ensure lot-to-lot consistency, each batch of product is tested to conform with characteristics of a standard reference reagent using flow cytometry.

WORKING DILUTIONS

Flow Cytometry:

FITC conjugate	≤1 μg/10 ⁶ cells
BIOT conjugate	≤1 μg/10 ⁶ cells
PE conjugate	≤0.2 μg/10 ⁶ cells

Other Applications: Since applications vary, determine the optimum working dilution of the product that is appropriate for your specific needs.

HANDLING AND STORAGE

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.0. No preservatives or amine-containing buffer salts added.
- The fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃.
- The phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent.
- Protect fluorochrome-conjugated forms from light. Do not freeze.
- Reagent is stable until the expiration date on the vial when stored at 2-8°C.

STATEMENT OF WARNINGS

1. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
2. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
3. Do not use reagent beyond the expiration date on the vial label.
4. Minimize exposure of reagent to light during storage or incubation.
5. Avoid microbial contamination of reagent or erroneous results may occur.
6. Use Good Laboratory Practice (GLP) when handling this reagent.
7. Harmful if swallowed.
8. After contact with skin, wash immediately with plenty of water.
9. Contains sodium azide. Sodium azide under acidic conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, immediately wash excessively with water.

TRADEMARKS

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For additional information or if damaged product is received, contact your local Beckman Coulter Representative.



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