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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Ly-6C (T cell activating) [HK1.4] Standard Size Ab02560-2.0

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2c format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, Kappa

Clone Number: HK1.4

Alternative Name(s) of Target: Lymphocyte antigen 6C1; Ly6c1

UniProt Accession Number of Target Protein: P0CW02

Published Application(s): functional assay, IP, FC, IF

Published Species Reactivity: Mouse

Immunogen: The antibody was raised by immunizing a Lewis rat by a series of four monthly i.p. injections of approximately 30 X 10⁶ L3 cloned CTL cells.

Specificity: This antibody is specific for Ly6 and shows no cross reactivity. Ly6 shows acetylcholine receptor binding activity.

Application Notes: A flow cytometry experiment on mouse cells from L-gD-1, an L cell line that expresses HSV type 1 gD, and L-gI-1, an L cell line that expresses HSV type 1 gI was preformed. In this experiment this antibody was used for reverse blocking (Johnson et al, 1993; pmid:8104217). Th1 clones from either wild-type or fyn^{-/-} mice were used in an experiment where it was determined if this antibody could induce lysis (Lancki et al, 1995; pmid:7493751). Flow cytometry was preformed on cells from C57BL/6, DBA12, NJ. BALB/c, PIJ, PL/J. AKRIJ. RIII, SM/J, SJL, and CBA mice using this antibody (Havran et al, 1988; pmid:3257767). Immunofluorescence was preformed on rat EL4J cells using this antibody (Fleming et al, 1993; pmid:8360469). EL4J and EUJ-Ly-6G cell lines were immunoprecipitated with this antibody (Fleming et al, 1993; pmid:8360469). Neonatal murine calvaria-derived osteoblasts were stained for flow cytometry using this antibody (Horowitz et al, 1994; pmid:7520861).

Antibody First Published in: Havran et al. Characterization of an anti-Ly-6 monoclonal antibody which defines and activates cytolytic T lymphocytes J Immunol. 1988 Feb 15;140(4):1034-42. [PMID:3257767](#)

Note on publication: The paper describes the generation of the antibody is rats by immunizing them with L3 cloned CTL cells.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.