

Product datasheet

Anti-Ly6c antibody [HK1.4] (Biotin) ab24980

Overview

Product name	Anti-Ly6c antibody [HK1.4] (Biotin)
Description	Rat monoclonal [HK1.4] to Ly6c (Biotin)
Host species	Rat
Conjugation	Biotin
Tested applications	Suitable for: Cellular Activation, IHC-Fr, Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	The details of the immunogen for this antibody are not available.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Affinity purified
Clonality	Monoclonal
Clone number	HK1.4
Isotype	IgG2c
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab24980** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Cellular Activation		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

Application	Abreviews	Notes
Flow Cyt		Use 1µg for 10 ⁶ cells. ab18543 - Rat monoclonal IgG2c, is suitable for use as an isotype control with this antibody.

Target

Relevance

Ly6C is a monocyte/macrophage and endothelial cell differentiation antigen regulated by interferon gamma, and may play a role in the development and maturation of lymphocytes. It is a member of the Ly6 multigene family of type V glycoposphatidylinositol anchored cell surface proteins. It is expressed on bone marrow cells, monocytes/macrophages, neutrophils, endothelial cells, and T cell subsets. Mice with the Ly6.2 allotype (e.g., AKR, C57BL, C57BR, C57L, DBA/2, PL, SJL, SWR, 129) have subsets of CD4+Ly6C+ and CD8+Ly6C+ cells, while Ly6.1 strains (e.g., A, BALB/c, CBA, C3H/He, DBA/1, NZB) have only CD8+Ly6C+ lymphocytes.

Cellular localization

Cell membrane; Lipid-anchor, GPI-anchor.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors