CD19 Monoclonal Antibody (Clone CB19)
Item No. 10004716

Contents: This vial contains 100 µg of Protein A purified IgG1 in 100 µl PBS, pH 7.2, containing 0.02% sodium azide

Synonym:

Host: Mouse, clone CB19

Cross-reactivity: (+) Human CD19; other species not tested

Stability: ≥1 year at 4°C

Applications: Flow cytometry, immunocytochemistry (ICC), and immunohistochemistry (IHC) (frozen tissue sections); the recommended starting concentration for ICC and IHC (frozen tissue sections) is 2-10 µg/ml. Other applications were not attempted and therefore optimal working dilutions should be determined empirically.

This vial contains 100 µg of IgG1 directed against human CD19. Store at 4°C for up to one year or for long-term storage make aliquots and freeze at -20°C to avoid multiple freeze-thaw cycles.

CD19 is a type I transmembrane glycoprotein important in B-lymphocyte signal transduction. Together with CD21, CD81, and β1 integrin, it is a part of the B-lymphocyte signaling complex, which regulates B-cell activation and differentiation. Originally identified as B4, CD19 is a pan B-cell antigen expressed from the B-cell progenitor stage where rearrangement of immunoglobulin genes takes place, to the terminal stage of B-cell differentiation into plasma cells. CD19 is detected on follicular dendritic cells and malignant B-cells. This monoclonal antibody can be used to identify human leukemias and lymphomas.

References

Related Products
For a list of related products please visit: www.caymanchem.com/catalog/10004716

WARNING: This product is for laboratory research only; not for administration to humans. Not for human or veterinary diagnostic or therapeutic use.

SAFETY DATA
This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Safety Data Sheet, which has been sent with the product to your institution.

WARRANTY AND LIMITATION OF REMEDY
Cayman Chemical Company makes no warranty or guarantee of any kind, whether written or oral, expressed or implied, including without limitation, any warranty of fitness for a particular purpose, suitability and merchantability, which extends beyond the description of the chemicals herein. Cayman warrants only to the original customer that the material will meet our specifications at the time of delivery.

Cayman will carry out its delivery obligations with due care and skill. Thus, in no event will Cayman have any obligation or liability, whether in tort (including negligence) or in contract, for any direct, indirect, incidental or consequential damages, even if Cayman is informed about their possible existence.

This limitation of liability does not apply in the case of intentional acts or negligence of Cayman, its directors or its employees.

Cayman’s sole liability hereunder shall be limited to a refund of the purchase price, or at Cayman’s option, the replacement, at no cost to Buyer, of all material that does not meet our specifications.

Refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver by Buyer of all claims hereunder with respect to said material.

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