

CD19 Monoclonal Antibody (HIB19), FITC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), FITC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	HIB19
Conjugate	FITC
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10669461

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	5 µL (1 µg)/test	50 Publications
ChIP assay (ChIP)	-	1 Publication

Product Specific Information

Description: The HIB19 monoclonal antibody reacts with human CD19, a 95 kDa transmembrane glycoprotein. CD19 is expressed by B cells during all stages of development excluding the terminally differentiated plasma cells. Follicular dendritic cells also express CD19. Together CD21, CD81, Leu13, MHC class II, and CD19 form a multimolecular complex that associates with BCR. Signaling through CD19 induces tyrosine phosphorylation, calcium flux and proliferation of B cells. The SJ25C1 antibody and the HIB19 monoclonal antibody recognize overlapping epitopes.

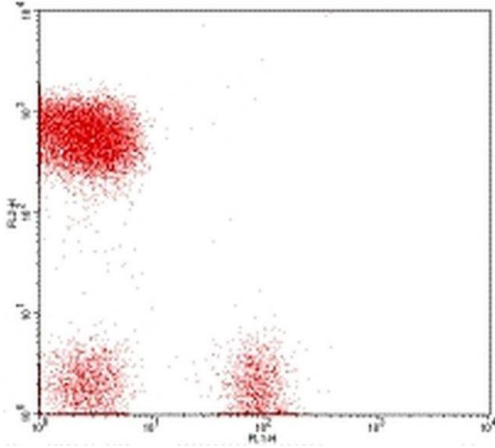
Applications Reported: The HIB19 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This HIB19 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (1 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

Excitation: 488 nm; **Emission:** 520 nm; **Laser:** Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD19 Monoclonal Antibody (HIB19), FITC, eBioscience™



CD19 Antibody (11-0199-42) in Flow

Staining of normal human peripheral blood cells with Anti-Human CD3 PE (Product # 12-0038-42) and Anti-Human CD19 FITC.

[View more figures on thermofisher.com](#)

52 References

Immunocytochemistry (1)

Arthritis & rheumatology (Hoboken, N.J.)

The role of transforming growth factor signaling in fibroblast-like synoviocytes from patients with oligoarticular juvenile idiopathic arthritis: dysregulation of transforming growth factor signaling, including overexpression of bone morphogenetic protein 4, may lead to a chondrocyte phenotype and may contribute to bony hypertrophy.

"Published figure using CD19 monoclonal antibody (Product # 11-0199-42) in Immunofluorescence"

Authors: Brescia AC, Simonds MM, McCahan SM, Fawcett PT, Rose CD

Species
Not Applicable

Dilution
Not Cited

Year
2014

Flow Cytometry (50)

Oncoimmunology

TIGIT expressing CD4+T cells represent a tumor-supportive T cell subset in chronic lymphocytic leukemia.

"11-0199 was used in Flow cytometry/Cell sorting to reveal that TIGIT+CD4+T cells provide a supportive microenvironment for CLL cells."

Authors: Catakovic K, Gassner FJ, Ratswohl C, Zaborsky N, Rebhandl S, Schubert M, Steiner M, Gutjahr JC, Pleyer L, Egle A, Hartmann TN, Greil R, Geisberger R

Species
Human

Dilution
Not Cited

Year
2022

Oncoimmunology

Development of CAR-T cell therapy for B-ALL using a point-of-care approach.

"11-0199 was used in Flow cytometry/Cell sorting to demonstrate that the POC approach is a viable alternative for the generation and use of CAR-T cells, overcoming the limitations of current manufacturing protocols."

Authors: de Macedo Abdo L, Barros LRC, Saldanha Viegas M, Vieira Codeço Marques L, de Sousa Ferreira P, Chicaybam L, Bonamino MH

Species
Human

Dilution
Not Cited

Year
2021

[View more Flow references on thermofisher.com](#)

ChIP assay (1)

Nature communications

CD19 CAR immune pressure induces B-precursor acute lymphoblastic leukaemia lineage switch exposing inherent leukaemic plasticity.

"Published figure using CD19 monoclonal antibody (Product # 11-0199-42) in ChIP assay"

Authors: Jacoby E, Nguyen SM, Fountaine TJ, Welp K, Gryder B, Qin H, Yang Y, Chien CD, Seif AE, Lei H, Song YK, Khan J, Lee DW, Mackall CL, Gardner RA, Jensen MC, Shern JF, Fry TJ

Species
Human

Dilution
Not Cited

Year
2016

More applications with references on thermofisher.com

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