

CD20 Monoclonal Antibody (2H7), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG2b, kappa
Recommended Isotype Control	Mouse IgG2b kappa Isotype Control (eBMG2b), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	2H7
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10670628

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	1 Publication
Flow Cytometry (Flow)	5 µL (0.06 µg)/test	20 Publications

Product Specific Information

Description: The 2H7 monoclonal antibody reacts with human CD20, a 33-36 kDa transmembrane protein. CD20 is expressed by developing B cells as well as mature B cells but not plasma cells. CD20 has been detected at low levels on a small subset of mature T cells. It is suggested that CD20 plays a role in B-cell activation.

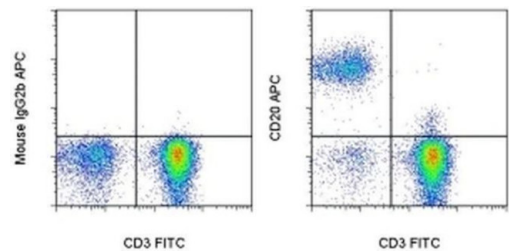
Applications Reported: This 2H7 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This 2H7 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.06 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: 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD20 Monoclonal Antibody (2H7), APC, eBioscience™



CD20 Antibody (17-0209-42) in Flow
Staining of normal human peripheral blood cells with Anti-Human CD3 FITC (Product # 11-0038-42) and Mouse IgG2b K Isotype Control APC (Product # 17-4732-81) (left) or Anti-Human CD20 APC (right). Cells in the lymphocyte gate were used for analysis.

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21 References

Immunohistochemistry (1)

Frontiers in immunology	Year 2021
IL-33 Alarmin and Its Active Proinflammatory Fragments Are Released in Small Intestine in Celiac Disease.	
"Published figure using CD20 monoclonal antibody (Product # 17-0209-42) in Immunohistochemistry"	
Authors: Perez F,Ruera CN,Miculan E,Carasi P,Dubois-Camacho K,Garbi L,Guzman L,Hermoso MA,Chirido FG	

Flow Cytometry (20)

Aging and disease	Year 2022
A Soluble NK-CAR Mediates the Specific Cytotoxicity of NK Cells toward the Target CD20⁺ Lymphoma Cells.	
"Published figure using CD20 monoclonal antibody (Product # 17-0209-42) in Flow Cytometry"	
Authors: Liu R,Luo Q,Luo W,Wan L,Zhu Q,Yin X,Lu X,Song Z,Wei L,Xiang Z,Zou Y	

Scientific reports	Year 2021
TRPA1 triggers hyperalgesia and inflammation after tooth bleaching.	
"Published figure using CD20 monoclonal antibody (Product # 17-0209-42) in Flow Cytometry"	
Authors: Chen C,Huang X,Zhu W,Ding C,Huang P,Li R	

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

More applications with references on thermofisher.com

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