

CD45 Monoclonal Antibody (30-F11), Alexa Fluor™ 660, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2b, kappa
Recommended Isotype Control	Rat IgG2b kappa Isotype Control (eB149/10H5), Alexa Fluor™ 660, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	30-F11
Conjugate	Alexa Fluor™ 660
Excitation/Emission Max	663/691 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2896259

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.25 µg/test	-

Product Specific Information

Description: The 30-F11 monoclonal antibody reacts with all isoforms of mouse CD45, also known as Leukocyte Common Antigen (LCA). CD45 is expressed by all hematopoietic cells excluding mature erythrocytes and platelets. The cytoplasmic portion of CD45 has tyrosine phosphatase enzymatic activity and plays an important role in activation of lymphocytes.

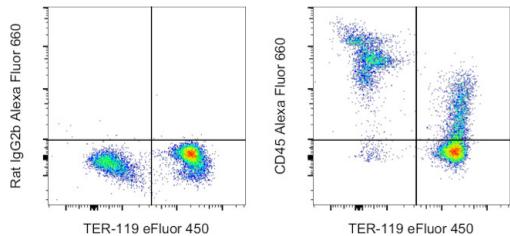
Applications Reported: This 30-F11 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This 30-F11 antibody has been tested by flow cytometric analysis of mouse bone marrow cells. This may be used at less than or equal to 0.25 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. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Alexa Fluor 660 emits at 690 nm and is intended for use on spectral cytometers where it may be multiplexed with APC, Alexa Fluor 647 and Alexa Fluor 700.

Excitation: 662 nm; Emission: 690 nm; Laser: Red Laser

Product Images For CD45 Monoclonal Antibody (30-F11), Alexa Fluor™ 660, eBioscience™



CD45 Antibody (606-0451-82) in Flow

Mouse bone marrow cells were stained with TER-119 Monoclonal Antibody, eFluor 450 (Product # 48-5921-82) and 0.125 µg of Rat IgG2b kappa Isotype Control, Alexa Fluor 660 (Product # 606-4031-81) (left) or 0.125 µg of CD45 Monoclonal Antibody, Alexa Fluor 660 (right). Total cells were used for analysis. This data was collected on a 5-laser Cytex Aurora full spectral cytometer.

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