

Datasheet for ABIN2144862
anti-CD35 antibody (PE)



[Go to Product page](#)

1 Image

Overview

Quantity:	25 tests
Target:	CD35 (CR1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD35 antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Formalin-fixed Sections) (IHC (f)), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Clone:	4AE11
Isotype:	IgG1
Characteristics:	4AE11 reacts with CR1 , the receptor for the complement component C3b /C4, composed of four different allotypes (160, 190, 220 and 150 kDa). CD35 antigen is expressed on erythrocytes, neutrophils, monocytes, B -lymphocytes and 10-15 % of T -lymphocytes. CD35 is catagorized as a regulator of complement avtivation. It binds complement components C3b and C4b, mediating phagocytosis by granulocytes and monocytes . Application: Removal and reduction of excessive amounts of complement fixing immune complexes in SLE and other auto-immune disorder.This clone is cross reactive with non-human primate.

Target Details

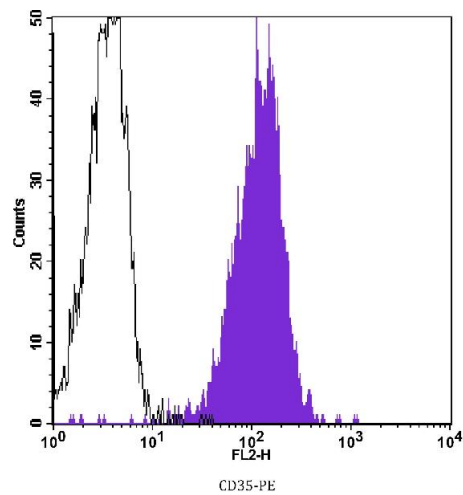
Target:	CD35 (CR1)
Alternative Name:	CD35 (CR1 Products)
Pathways:	Complement System , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Assay Procedure:	• Take 100 µL peripheral blood anticoagulated by EDTA and add to the bottom of 5 mL tube, • Add 10 µL labeled antibody to the bottom of flow tube mixing with the whole blood, incubate for 20 minutes at room temperature away from light, • Add 2 mL 1×RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells (recommended: RBC lysing Solution 10×, Cat.: FXP001), • Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant, • Add 2 mL PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant, • Add 0.5 mL PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 °C then measured). • [PBS wash buffer: PBS +1 % FBS +0.1 % NaN₃, Cat.: FXP005] • [Cell fixation: 2 % formaldehyde solution]
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Phosphate-buffered solution, pH 7.4, containing and 0.2 % (w/v) BSA
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C



Flow Cytometry

Image 1.