

Datasheet for ABIN6939177

**anti-CD35 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CD35 (CR1)
Reactivity:	Human, Baboon, Cynomolgus, Rhesus Monkey
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Intact human monocytes
Clone:	E11
Isotype:	IgG1 kappa
Specificity:	Recognizes a protein of 210-220 kDa, which is identified as the complement receptor 1 (CR1)/CD35. This MAb is specific for a site in CR1 that is distal from the C3b-binding site, so that it is unable to block CR1 activity. This MAb is highly specific to CR1 and shows no cross-reaction with CR2. The primary function of CR1 is to serve as the cellular receptor for C3b and C4b, the most important components of the complement system leading to clearance of foreign macromolecules. The Knops blood group system is a system of antigens located on this protein. Follicular dendritic cells (FDC) are restricted to the B-cell regions of secondary lymphoid follicles. They are CD21+/CD35+/CD1a-. This MAb labels follicular dendritic cells and follicular dendritic cell sarcoma.
Purification:	Purified by Protein A/G

## Target Details

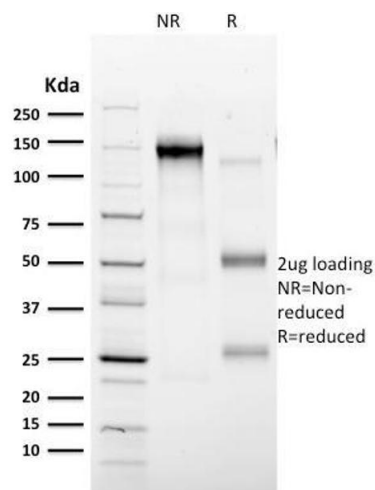
Target:	CD35 (CR1)
Alternative Name:	CR1 ( <a href="#">CR1 Products</a> )
Molecular Weight:	210-220kDa
Gene ID:	1378
UniProt:	<a href="#">P17927</a>
Pathways:	<a href="#">Complement System</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

Application Notes:	Positive Control: Follicular dendritic cells (FDC) in tonsil. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

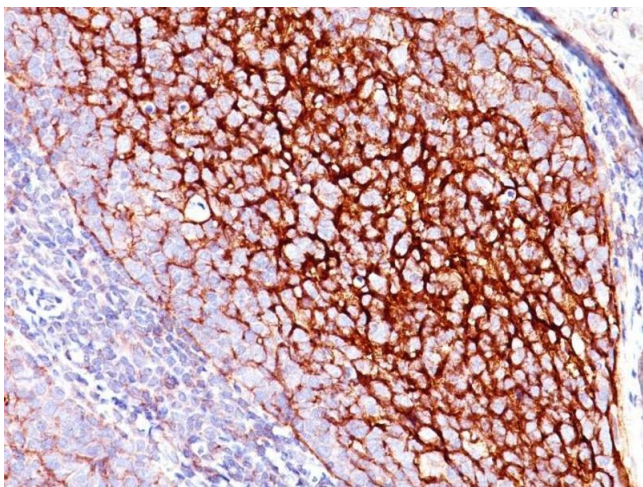
## Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
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,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified CD35 Mouse Monoclonal Antibody (E11). Confirmation of Integrity and Purity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Tonsil stained with CD35 Mouse Monoclonal Antibody (E11).