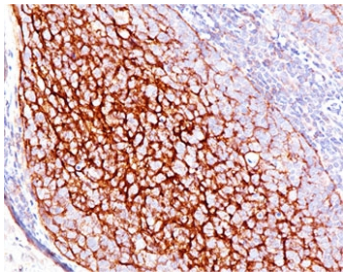
CD35 Antibody [clone E11] (V2101)

Catalog No.	Formulation	Size
V2101-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2101-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2101SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2101IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

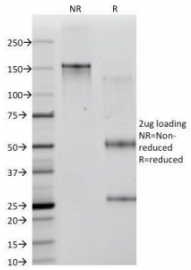
Citations (8)

Bulk quote request

Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	E11
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	1378
Localization	Cell surface
Applications	Flow Cytometry : 0.5-1ug/10^6 cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT
Limitations	This **CD35 antibody** is available for research use only.



IHC testing of human tonsil stained with CD35 antibody (E11). Note cell membrane staining.



SDS-PAGE Analysis of Purified, BSA-Free CD35 Antibody (clone E11). Confirmation of Integrity and Purity of the Antibody.

Description

This antibody recognizes a protein of 210-220 kDa, which is identified as the complement receptor 1 (CR1), or CD35. The antibody is specific for a site on CD35 that is distal from the C3b-binding site, so that it is unable to block CD35 activity. The CD35 antibody is highly specific and shows no cross-reaction with CR2. The primary function of CD35 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 antibody labels follicular dendritic cells and follicular dendritic cell sarcoma.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titered up or down for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Intact human monocytes were used as the immunogen for this CD35 antibody.

Storage

Store the CD35 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

References (1)