



Mouse Anti-Human CD35 monoclonal antibody, clone JID146 (CABT-L2840)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human CD35
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID146
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Tonsil
Format	Liquid
Size	Predilute: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Cluster of differentiation 35 (CD35), also known as erythrocyte complement receptor 1 (CR1) or C3b/C4b, is commonly found on erythrocytes, B- and T-cells, monocytes, eosinophils, and neutrophils. It functions to mediate the clearance of opsonized targets. CD35 is a mature B-lymphocyte marker, and Anti-CD35 reacts positively with normal and tumorous follicular dendritic reticulum cells.
Keywords	CR1;complement component (3b/4b) receptor 1 (Knops blood group);KN;C3BR;C4BR;CD35;complement receptor type 1;CD35 antigen;C3b/C4b receptor;C3-binding protein;Knops blood group antigen;

GENE INFORMATION

Gene Name	CR1 complement component (3b/4b) receptor 1 (Knops blood group) [Homo sapiens (human)]
Official Symbol	CR1
Synonyms	CR1; complement component (3b/4b) receptor 1 (Knops blood group); KN; C3BR; C4BR; CD35; complement receptor type 1; CD35 antigen; C3b/C4b receptor; C3-binding protein; Knops blood group antigen;
Entrez Gene ID	1378
Protein Refseq	NP_000564
UniProt ID	P17927
Chromosome Location	1q32
Pathway	Complement and Coagulation Cascades; Complement and coagulation cascades; Complement cascade; Hematopoietic cell lineage; Immune System; Innate Immune System; Legionellosis; Leishmaniasis;
Function	complement component C3b binding; complement component C3b receptor activity; complement component C4b binding; complement component C4b receptor activity;