

## CD21 Mouse mAb Cat No: HR1AM2171

For research use only

## Overview

Product Name	CD21 Mouse mAb
Source	Mouse
Applications	IHC
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	IHC 1:200
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	lgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	113kDakDa
GeneID?Human?	1380
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	C3DR, Complement C3d receptor, Complement receptor type 2, CR2, EBV receptor, Epstein Barr virus receptor, SLEB9
Background	CD21 also known as complement receptor 2 (CR2), C3d receptor or EBV receptor is a 140 kDa protein. CD21 is a glycosylated type I transmembrane protein consisting of an extracellular face of a series of 15 or 16 CCP domains. CD21 is the receptor for complement components C3d and iC3b as well as the Epstein-Barr virus (EBV) glycoprotein gp350/220. The soluble CD21 (sCD21) was shown to efficiently trigger CD23 signalling pathways in human monocytes. By inducing release of proinflammatory cytokines and upregulating expression of molecules involved in antigen presentation, sCD21 modulates critical monocyte functions that may be relevant to allergic and inflammatory disorders.