Beijing Emarbio Science & Technology Co.,LTD

Anti-CD21 Mouse Monoclonal Antibody(1B4)

Catalog No.	EM42004-01	EM42004-02	
Size	50μl	100μl	
Species	**Human Mouse Rat**	***Molecular***	113KD

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.

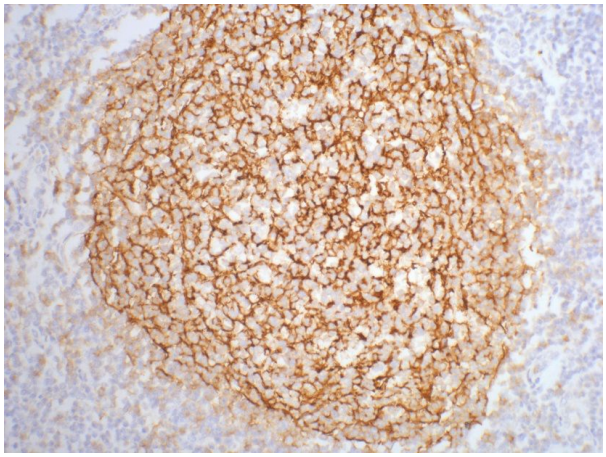
Specificity: The CD21 antibody detects endogenous CD21 proteins.

Application: IHC 1:200
Optimal dilutions/concentrations should be determined by the end user.

Form: Liquid ,1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% ***sodium azide*** as Preservative and 50% Glycerol.

Storage: Store at -20°C. Do not aliquot the antibody.



IHC staining of human tonsil tissue with CD21 mouse mAb diluted at 1:200.