OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AM05866PU-N

CD21 Mouse Monoclonal Antibody [Clone ID: CA2.1D6]

Product data:

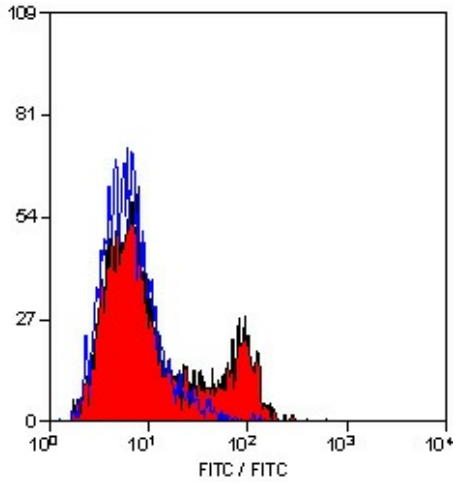
Product Type:	Primary Antibodies
Clone Name:	CA2.1D6
Applications:	FC, IHC, IP
Recommended Dilution:	Immunohistochemistry on frozen sections. Immunoprecipitation. Flow Cytometry: 1/100.
Reactivity:	Canine, Equine, Feline
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises CD21, a cell surface antigen expressed by canine B lymphocytes.
Formulation:	Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	Q5NT87

View online »

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.

Synonyms: Complement receptor type 2, CR2, C3DR, C3d receptor, EBV Receptor, Dendritic Cell Marker

Product images:



Staining of canine peripheral blood lymphocytes with mouse anti canine CD21