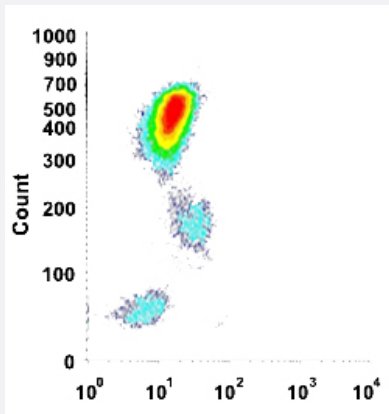


CR2 monoclonal antibody, clone HI21a

Catalog # MAB13841 Size 100 ug

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with CR2 monoclonal antibody, clone HI21a (Cat # MAB13841).

Specification

Product Description Mouse monoclonal antibody raised against human CR2.

Immunogen Tonsil cells.

Host Mouse

Theoretical MW (kDa) 145

Reactivity Human

Form Liquid

Purification Protein A/G purification

Purity >90%

Isotype IgG2a

Recommend Usage Flow Cytometry (1 ug/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with CR2 monoclonal antibody, clone HI21a (Cat # MAB13841).

Gene Info — CR2

Entrez GeneID	1380
Protein Accession#	P20023
Gene Name	CR2
Gene Alias	C3DR, CD21, SLEB9
Gene Description	complement component (3d/Epstein Barr virus) receptor 2
Omim ID	120650 610927
Gene Ontology	Hyperlink
Gene Summary	Complement component receptor-2 (CR2) is the membrane protein on B lymphocytes to which the Epstein-Barr virus (EBV) binds during infection of these cells. See also CR1 (MIM 120620). Yefenof et al. (1976) [PubMed 181330] found complete overlapping of EBV receptors and C3 (MIM 120700) receptors on human B lymphocytes.[supplied by OMIM]
Other Designations	OTTHUMP00000034421 OTTHUMP00000034447

Pathway

- [B cell receptor signaling pathway](#)
- [Complement and coagulation cascades](#)
- [Hematopoietic cell lineage](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Nasopharyngeal Neoplasms](#)
- [Parkinson disease](#)