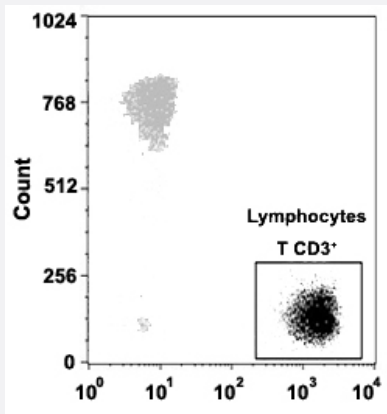


CD3E monoclonal antibody, clone 33-2A3 (DY-634)

Catalog # MAB13721 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human normal whole blood with CD3E monoclonal antibody, clone 33-2A3 (DY-634) (Cat # MAB13721).

Specification

Product Description	Mouse monoclonal antibody raised against human CD3E.
Immunogen	Human leukocytes.
Host	Mouse
Theoretical MW (kDa)	22, 26, 30
Reactivity	Human
Form	Liquid
Conjugation	DY-634
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG2a

Recommend Usage	Flow Cytometry (20 μ L/ 10^6 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 normal whole blood with CD3E monoclonal antibody, clone 33-2A3 (DY-634) (Cat # MAB13721).

Gene Info — CD3E

Entrez GeneID	916
Protein Accession#	P07766
Gene Name	CD3E
Gene Alias	FLJ18683, T3E, TCRC
Gene Description	CD3e molecule, epsilon (CD3-TCR complex)
Omim ID	186830
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women. [provided by RefSeq]
Other Designations	CD3-epsilon CD3E antigen, epsilon polypeptide CD3e antigen, epsilon polypeptide (TiT3 complex) T-cell antigen receptor complex, epsilon subunit of T3 T-cell surface antigen T3/Leu-4 epsilon chain T-cell surface glycoprotein CD3 epsilon chain

Pathway

- [Hematopoietic cell lineage](#)
- [Primary immunodeficiency](#)
- [T cell receptor signaling pathway](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)