FITC Mouse Anti-Human CD3

Purified FITC-conjugated Recombinant Mouse Monoclonal Antibody

Catalog # F100105

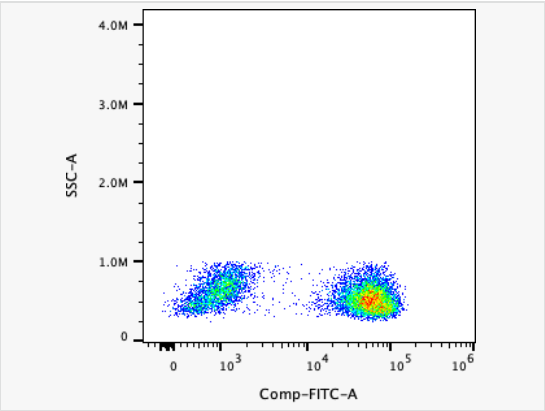
Product Information

Application	FC
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone No.	23L10C36
Isotype	IgG1
Label	FITC
Immunogen	Recombinant protein of human CD3
Format	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA.
Storage	Shipped on wet ice. Store undiluted between 2°C and 8°C and protected from prolonged exposure to light. Do not freeze. Stable for 24 months from date of receipt.
Precautions	FITC Mouse Anti-Human CD3 [23L10C36] is for research use only and not for use in diagnostic or therapeutic procedures.

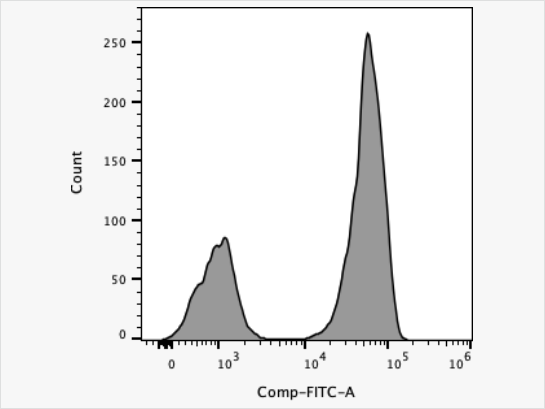
Protein Information

Synonyms	CD3 epsilon, CD3e, CD3e antigen, CD3e antigen epsilon polypeptide (TiT3 complex), CD3E antigen epsilon polypeptide, CD3E antigen, epsilon subunit, CD3e molecule epsilon, CD3e molecule, epsilon (CD3 TCR complex), CD3e molecule, epsilon (CD3-TCR complex), CD3E_HUMAN, IMD18, 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, T-cell surface antigen T3/Leu-4 epsilon chain, T-cell surface glycoprotein CD3 epsilon chain, T3E, TCRE.
Uniprot ID	P07766
Gene ID	916
Background	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, Jul 2008].
Cellular Location	Cell membrane; Single-pass type I membrane protein.

Validation Images



Human peripheral blood lymphocytes were stained with FITC Mouse Anti-Human CD3 [23L10C36].



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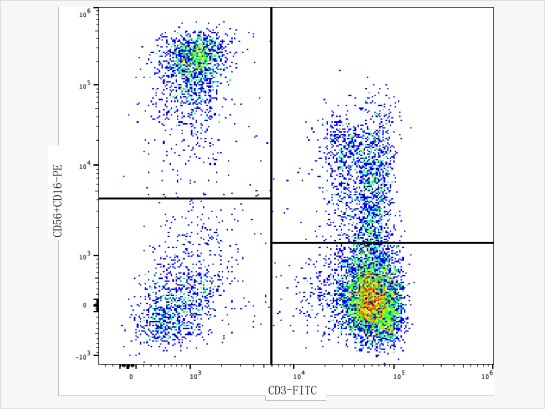

Human peripheral blood lymphocytes were stained with PE Mouse Anti-Human CD56 [78A97G65], PE Mouse Anti-Human CD16 [52Q46N54] and FITC Mouse Anti-Human CD3 [23L10C36].