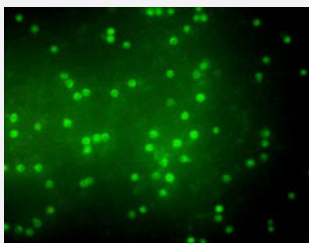


CD247 monoclonal antibody, clone 4D10A6 (FITC)

Catalog # MAB15263 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence staining of peripheral blood T cells.

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant human CD247.

Immunogen Recombinant protein corresponding to human CD247.

Host Mouse

Reactivity Human

Form Liquid

Conjugation FITC

Purification Affinity purification

Recommend Usage ELISA (1:10000)
Immunofluorescence (1:200-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (0.03% sodium azide).

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence

Immunofluorescence staining of peripheral blood T cells.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CD247

Entrez GeneID [919](#)

Protein Accession# [P20963](#)

Gene Name CD247

Gene Alias CD3-ZETA, CD3H, CD3Q, CD3Z, T3Z, TCRZ

Gene Description CD247 molecule

Omim ID [186780 610163](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations CD247 antigen, zeta subunit|CD3Z antigen, zeta polypeptide (TiT3 complex)|OTTHUMP00000032544|T-cell antigen receptor complex, zeta subunit of CD3|T-cell receptor T3 zeta chain|T-cell receptor zeta chain|T-cell surface glycoprotein CD3 zeta chain

Pathway

- [Natural killer cell mediated cytotoxicity](#)

- [T cell receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Lupus Erythematosus](#)
- [Osteoporosis](#)
- [Scleroderma](#)