

Product Name: CD247 Mouse Monoclonal Antibody
Catalog #: AMM80825



Summary

Production Name	CD247 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	CD247
Alternative Names	T3Z; CD3H; CD3Q; CD3Z; TCRZ; CD3-ZETA; CD247
Gene ID	919.0
SwissProt ID	P20963.Purified recombinant fragment of human CD247 expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	18kDa

Background

The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta

Product Name: CD247 Mouse Monoclonal Antibody
Catalog #: AMM80825



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.

Research Area

Image Data

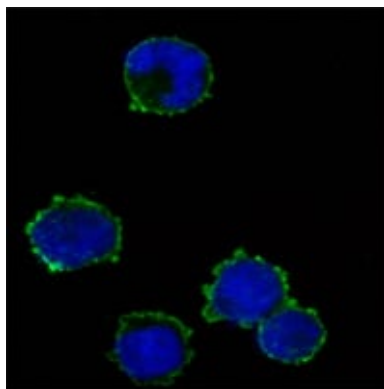
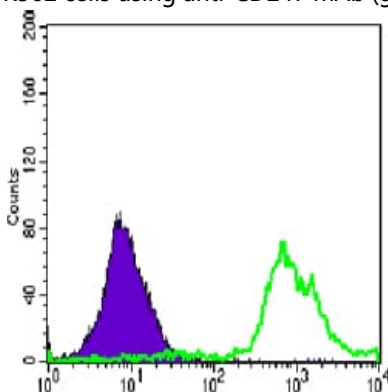
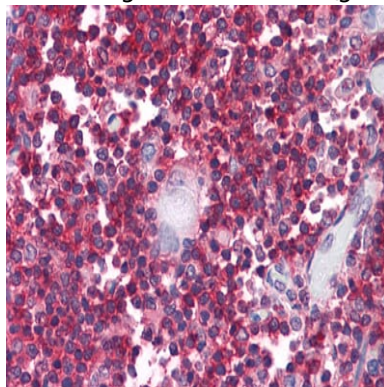


Figure3: Immunofluorescence analysis of K562 cells using anti-CD247 mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Jurkat cells using anti-CD247 mAb (green) and negative control (purple).



Product Name: CD247 Mouse Monoclonal Antibody
Catalog #: AMM80825



Immunohistochemical analysis of paraffin-embedded human Thymus tissues using anti-CD247 mouse mAb

Note

For research use only.