

CD247 (Human) Cell-Based ELISA Kit

Catalog # KA2651

Size 1 Kit

Specification

Product Description	CD247 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of CD247 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

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](#)