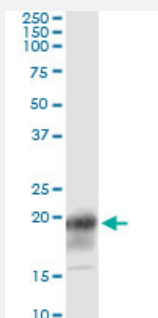


CD247 (Human) IP-WB Antibody Pair

Catalog # H00000919-PW1

Size 1 Set

Applications



Immunoprecipitation of CD247 transfected lysate using mouse monoclonal anti-CD247 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-CD247.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81%); Rat (85%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of CD247 transfected lysate using mouse monoclonal anti-CD247 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-CD247.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-CD247 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-CD247 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — CD247

Entrez GeneID [919](#)

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](#)