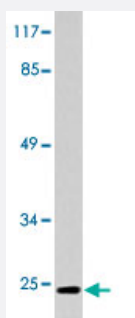


CD247 polyclonal antibody

Catalog # PAB25176 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with CD247 polyclonal antibody (Cat # PAB25176).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CD247.
Immunogen	A synthetic peptide corresponding to CD247.
Host	Rabbit
Theoretical MW (kDa)	24
Reactivity	Human
Specificity	CD247 polyclonal antibody detects endogenous levels of CD247 protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage 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

- Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with CD247 polyclonal antibody (Cat # PAB25176).

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](#)