

## Rabbit anti-Human CD3 zeta Polyclonal Antibody | anti-CD3 zeta antibody

CD3 zeta Polyclonal Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA173981</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

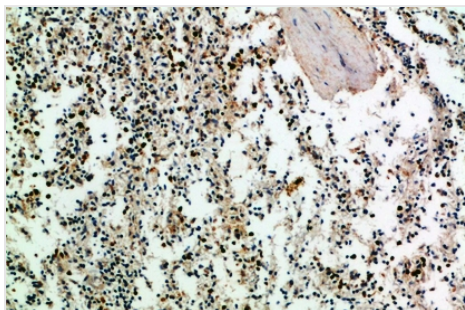
### PRODUCT SYNONYMS

CD3 zeta; Polyclonal Antibody; CD3 zeta Polyclonal Antibody; T-cell surface glycoprotein CD3 zeta chain (T-cell receptor T3 zeta chain) (CD antigen CD247); anti-CD3 zeta antibody

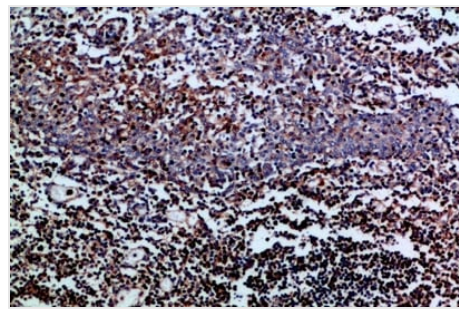
### PRODUCT SPECIFICATIONS

|                                                    |                                                      |
|----------------------------------------------------|------------------------------------------------------|
| Host                                               | Rabbit                                               |
| Reactivity                                         | Human                                                |
| Clonality                                          | Polyclonal                                           |
| Isotype                                            | IgG                                                  |
| Purity/Purification                                | Affinity Purification                                |
| Concentration                                      | 1mg/mL (varies by lot)                               |
| Sequence Length                                    | 163                                                  |
| Applicable Applications for anti-CD3 zeta antibody | ELISA, IHC (Immunohistochemistry)                    |
| Immunogen                                          | Synthetic peptide from human protein                 |
| Buffer                                             | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. |
| Preparation and Storage                            | Store at -20 degree C. Avoid freeze / thaw cycles.   |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human spleen tissue using CD3 zeta Polyclonal Antibody at dilution of 1:100.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human tonsil tissue using CD3 zeta Polyclonal Antibody at dilution of 1:100.

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD3 zeta antibody | 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. |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 4557431                                              |
| NCBI GeneID                      | 919                                                  |
| NCBI Accession #                 | NP_000725.1                                          |
| NCBI GenBank Nucleotide #        | NM_000734.3                                          |
| UniProt Accession #              | P20963; Q5VX13; Q8TAX4; B1AK49; A46461               |
| Molecular Weight                 | â€“ Da                                               |
| NCBI Official Full Name          | T-cell surface glycoprotein CD3 zeta chain isoform 2 |
| NCBI Official Synonym Full Names | CD247 molecule                                       |
| NCBI Official Symbol             | CD247                                                |
| NCBI Official Synonym Symbols    | T3Z; CD3H; CD3Q; CD3Z; TCRZ; IMD25; CD3-ZETA         |
| NCBI Protein Information         | T-cell surface glycoprotein CD3 zeta chain           |
| UniProt Protein Name             | T-cell surface glycoprotein CD3 zeta chain           |
| UniProt Gene Name                | CD247                                                |
| UniProt Synonym Gene Names       | CD3Z; T3Z; TCRZ                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd3-zeta-antibody-immunohistochemistry-elisa/173981>