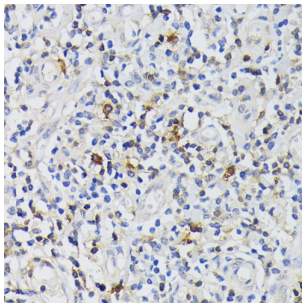


T-Cell Surface Glycoprotein CD3 Epsilon Chain (CD3E) Antibody

Catalogue No.: abx001457



Immunohistochemistry of paraffin-embedded Human tonsil using CD3E Antibody (1/200 dilution, 40x lens).

CD3E Antibody is a Rabbit Polyclonal antibody against CD3E. The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women.

| | |
|-------------------------------|--|
| Target: | T-Cell Surface Glycoprotein CD3 Epsilon Chain (CD3E) |
| Clonality: | Polyclonal |
| Reactivity: | Human, Mouse, Rat |
| Tested Applications: | IHC |
| Host: | Rabbit |
| Recommended dilutions: | IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | Recombinant fusion protein corresponding to human CD3E |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P07766 (UniProt , ExPASy) |

Datasheet

Version: 4.0.0
Revision date: 06 Mar 2025



Gene Symbol: CD3E

GeneID: [916](#)

NCBI Accession: NP_000724.1

KEGG: hsa:916

String: [9606.ENSP00000354566](#)

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only