

CD3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250588

Unit: 0.1 mg

Description:

The CD3 antibody recognizes the 17-19 kD ϵ -chain of CD3 within the CD3 antigen/T cell antigen receptor (TCR) complex. The CD3 antigen is expressed in the cell cytoplasm during the early stage of T cell development and is expressed on the cell membrane at the late stage. CD3 antigen is displayed on 60-80% of normal peripheral blood lymphocytes and 60-70% of thymocytes and plays an important role in signal transduction after antigen recognition by TCR. NK cells also express the CD3 antigen in the cytoplasm.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, H, M, P, Rb, R

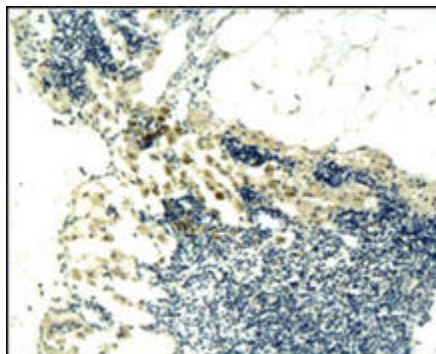
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: T-cell surface glycoprotein CD3; T-cell surface antigen T3/Leu-4; CD3; T3

Accession No.: P07766

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD3 epsilon.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



CD3 staining in rat pancreas. Paraffin-embedded rat pancreas is stained with CD3 Antibody (Cat. No. 250588) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Karaca T et al. Elsevier. Allergologia at Immunopathologia.40(6): 357-361. PMID# 22115572.

For research use only, not for diagnostic or therapeutic procedures.