

Product number: CD003-RIV-9

**Product name: Monoclonal Mouse Anti-Human
CD3**

Description

- **Monoclonal Mouse Anti-Human CD3**
- **Clone:** RIV-9
- **Isotype:** IgG3
- **Immunogen:** Peripheral blood lymphocytes

Expression

- The CD3 antigen is a specific T cell marker expressed on thymocytes and mature T lymphocytes. CD3 complex contains CD3g (26 kDa), CD3d (21 kDa), CD3e (20 kDa). CD3 is detected on surface membrane or in the cytoplasm of normal T cells from peripheral blood, depending on stage of cell differentiation. Anti-CD3 antibody can be used for detection of reactive T cells in lymphoid infiltrates in tissues and neoplastic T cells in non-Hodgkin's lymphomas of T cell lineage.

Applications

- Flow cytometry, fluorescent microscopy, confocal microscopy, immunohistochemistry (frozen sections).
- CD3 expression on human peripheral blood lymphocytes.

Storage

- Aqueous buffered solution with 0.1% sodium azide.
- The monoclonal antibody was purified from ascites by affinity chromatography.
- Store undiluted at $-20\text{ }^{\circ}\text{C}$.