

## CD3 (PT0212R) PT™ Rabbit mAb

CatalogNo: YM8134 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat, Monkey

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 23kD (Calculated)
- 23kD (Observed)

#### Isotype

- IgG, Kappa

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

### Recommended Dilution Ratios

**IHC 1:200-1:1000****WB 1:1000-1:5000****IF 1:200-1:1000****ELISA 1:5000-1:20000**

### Basic Information

**Clonality** Monoclonal**Clone Number** PT0212R

### Immunogen Information

**Specificity** Endogenous

## Target Information

**Gene name** CD3E T3E

**Protein Name** CD3, CD3E

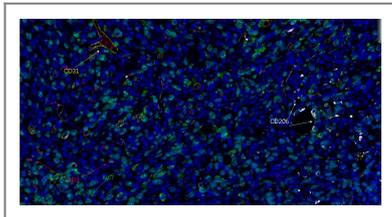
| Organism | Gene ID               | UniProt ID               |
|----------|-----------------------|--------------------------|
| Human    | <a href="#">916</a> ; | <a href="#">P07766</a> ; |
| Mouse    |                       | <a href="#">P22646</a> ; |

**Cellular Localization** Membranous

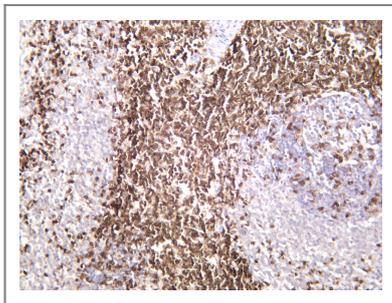
**Tissue specificity** Membranous

**Function** Function:The CD3 complex mediates signal transduction.,online information:CD3E mutation db,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,similarity:Contains 1 ITAM domain.,subunit:The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta.,

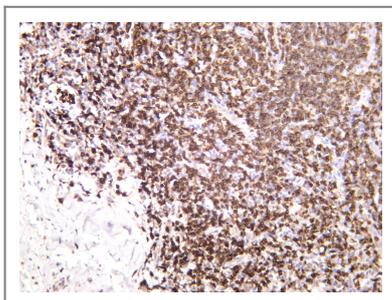
## Validation Data



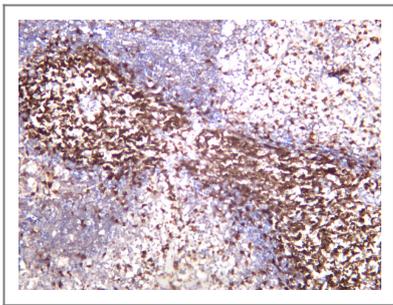
Fluorescence multiplex immunohistochemical analysis of human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit (RS0039, Immunoway).CD3 rabbit mAb(RED), Ki67 rabbit mAb(GREEN), CD31 rabbit mAb(YELLOW), CD206 Rabbit mAb(WHITE) was tested with different TSA Fluorescence reagent. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).



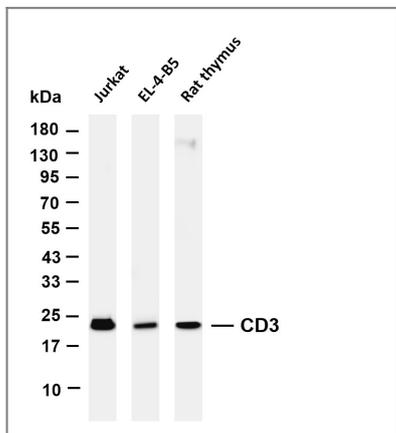
Rat spleen was stained with anti-CD3 rabbit antibody



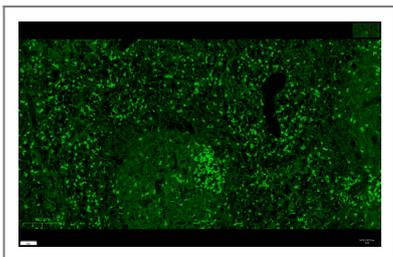
Human tonsil was stained with anti-CD3 rabbit antibody



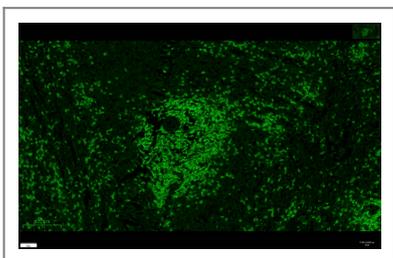
Mouse spleen was stained with anti-CD3 rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD3 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Jurkat Lane 2: EL-4-B5 Lane 3: Rat thymus Predicted band size: 23kDa Observed band size: 23kDa



Mouse spleen was stained with anti-CD3 rabbit antibody



Rat spleen was stained with anti-CD3 rabbit antibody

## Contact information

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Please scan the QR code to access additional product information:  
**CD3 (PT0212R) PT™  
Rabbit mAb**