# PRODUCT DATA SHEET

# CD3 mouse mAb(PT2239) Ready to use

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| **Catalog No.** | IML0015 |
| **Reactivity** | Human |
| **Applications** | IHC-p; WB |
| **Gene Name** | CD3E T3E |
| **Protein Name** | CD3 |
| **Human Gene Id** | 916 |
| **Swiss-Prot** | P07766 |
| **Formulation** | Liquid in PBS containing, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Monoclonal, Mouse:IgG2a, Kappa |
| **Dilution** | IHC-p: 1:100-200 |
| **Purification** | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| **Concentration** | - |
| **Storage&Stability** | 4°C: 1 years |
| **Background** | 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. |
| **Subcellular Location** | Membranous |
| **BiowMW** | - |

## Products Images: