

Purified Mouse Anti Human CD2 Antibody (PTF0012)

CatalogNo: YF0019 **Recombinant** 

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- IF,FC

Isotype

- Mouse IgG1/Kappa

Storage

Storage*

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Formulation

PBS, pH 7.4

Recommended Dilution Ratios

IF 1:200-1:1000

FC:1 µg per million cells in 100 µl volume. For optimal results, the reagent should be titrated according to each specific application

Basic Information

Clonality

Monoclonal

Clone Number

PTF0012

Immunogen Information

Immunogen

The specific immunogen used to produce this antibody is proprietary information.

Specificity

Endogenous

| Target Information

Gene name CD2 SRBC

Protein Name CD 2;CD2;CD2 antigen (p50) , sheep red blood cell receptor;CD2 antigen;CD2 molecule;CD2_HUMAN;Erythrocyte receptor;FLJ46032;LFA-2;LFA-3 receptor;LFA2;LFA3 receptor;Ly-37;Lymphocyte function antigen 2;lymphocyte-function antigen-2;OTTHUMP00000024366;Rosette receptor;Sheep erythrocyte receptor;SRBC;T cell surface antigen CD2;T-cell surface antigen CD2;T-cell surface antigen T11/Leu-5;T-lymphocyte surface CD2 antigen;T11

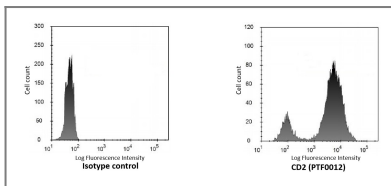
Organism	Gene ID	UniProt ID
Human	914;	P06729;

Cellular Localization Membranous

Tissue specificity Tonsil

Function Function:CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells , the cytoplasmic domain is implicated in the signaling function. ,online information:CD2 entry ,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain. ,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain. ,subunit:Interacts with CD2AP (By similarity) . Interacts with PSTPIP1. ,

| Validation Data



Human peripheral blood lymphocytes stained with Mouse IgG1 isotype control or purified CD2 (PTF0012) , followed by anti-mouse IgGs-PE

| Contact information

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