

IL-10 (PT0635R) PT™ Rabbit mAb

CatalogNo: YM8444 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IF, ELISA

MW

- 21kD (Calculated)
21kD (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

WB 1:2000-1:10000**IF 1:200-1:1000****ELISA 1:5000-1:20000**

Basic Information

Clonality Monoclonal**Clone Number** PT0635R

Immunogen Information

Specificity Endogenous

Target Information

Gene name IL10

Protein Name Interleukin-10

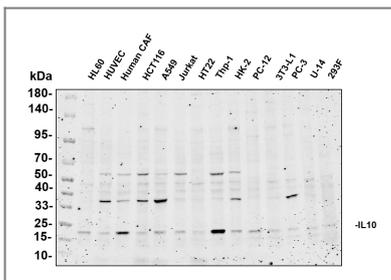
Organism	Gene ID	UniProt ID
Human	3586 ;	P22301 ;
Mouse		P18893 ;

Cellular Localization Secreted

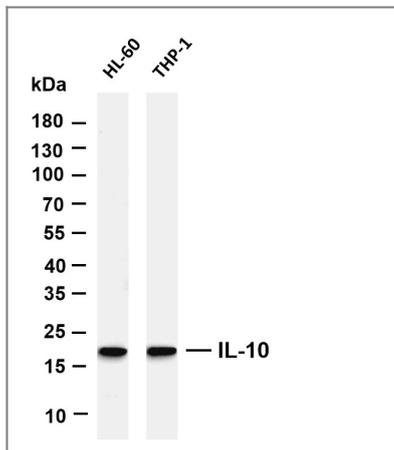
Tissue specificity Produced by a variety of cell lines, including T-cells, macrophages, mast cells and other cell types.

Function Disease:Defects in IL10 are a cause of susceptibility to Crohn disease (CD) [MIM:266600]. CD is a form of remitting inflammatory bowel disease (IBD). CD may involve any part of the gastrointestinal tract, but most frequently the terminal ileum and colon. Bowel inflammation is transmural and discontinuous. Crohn disease is commonly classified as autoimmune disease.,Function:Inhibits the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells.,online information:Interleukin-10 entry,online information:The Singapore human mutation and polymorphism database,similarity:Belongs to the IL-10 family.,subunit:Homodimer.,tissue specificity:Produced by a variety of cell lines, including T-cells, macrophages, mast cells and other cell types.,

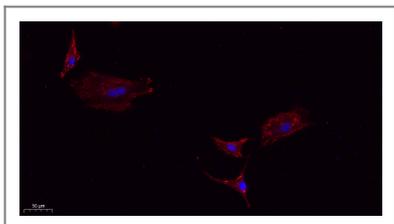
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:5000 dilution . The Dylight 800-conjugated Goat anti-Rabbit antibody(Cat:RS23920) was used to detect the antibody. Lane1: HL60 - Human promyelocytic leukemia cell Lane2: HUVEC - Human umbilical vein endothelial cell Lane3: Human CAF - Human cancer-associated fibroblast Lane4: HCT116 - Human colorectal carcinoma Lane5: A549 - Human lung carcinoma Lane6: Jurkat - Human T lymphocyte leukemia Lane7: HT22 - Mouse hippocampal neuronal Lane8: Thp-1 - Human monocytic leukemia Lane9: HK-2 - Human proximal tubular epithelial Lane10: PC-12 - Rat adrenal pheochromocytoma Lane11: 3T3-L1 - Mouse embryonic fibroblast Lane12: PC-3 - Human prostate adenocarcinoma Lane13: U-14 - Mouse cervical carcinoma Lane14: 293F - HEK293 derivative, adapted for suspension culture Predicted band size: 21kDa Observed band size: 21kDa



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-IL-10 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HL-60 Lane 2: THP-1 Predicted band size: 21kDa Observed band size: 21kDa



Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, DAPI(blue) 10min.

Contact information

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PT™ Rabbit mAb

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