

# PTPN22 Antibody, Biotin conjugated



PACO62354

---

## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:****Protein Background:**

Acts as negative regulator of T-cell receptor (TCR) signaling by direct dephosphorylation of the Src family kinases LCK and FYN, ITAMs of the TCRz/CD3 complex, as well as ZAP70, VAV, VCP and other key signaling molecules. Associates with and probably dephosphorylates CBL. Dephosphorylates LCK at its activating 'Tyr-394' residue. Dephosphorylates ZAP70 at its activating 'Tyr-493' residue. Dephosphorylates the immune system activator SKAP2. Positively regulates toll-like receptor (TLR)-induced type 1 interferon production. Promotes host antiviral responses mediated by type 1 interferon. Regulates NOD2-induced pro-inflammatory cytokine secretion and autophagy.

**Gene ID:**

PTPN22

**Uniprot**

Q9Y2R2

**Synonyms:**

Tyrosine-protein phosphatase non-receptor type 22 (EC 3.1.3.48) (Hematopoietic cell protein-tyrosine phosphatase 70Z-PEP) (Lymphoid phosphatase) (LyP) (PEST-domain phosphatase) (PEP), PTPN22, PTPN8

**Immunogen:**

Recombinant Human Tyrosine-protein phosphatase non-receptor type 22 protein (1-179AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

---

N/A

N/A