

## bs-9878R-Cy7

### • Rabbit Anti-Cyclophilin D/Cyclophilin 40 Polyclonal Antibody, Cy7 conjugated

Conjugated Primary Antibodies

#### Background:

Cyclophilins are conserved, ubiquitous and abundant cytosolic peptidyl-prolyl cis-trans isomerases that accelerate the isomerization of XaaPro peptide bonds and the refolding of proteins. Human cyclophilin A (CyPA), an intracellular protein of 165 amino acids, is the target of cyclosporin A (CsA) and is encoded by a single unique gene conserved from yeast to humans. Cyclophilin B (CyPB) is secreted in biological fluids such as blood or milk and binds to a specific receptor present on the human lymphoblastic cell line Jurkat and on human peripheral blood lymphocytes. Cyclophilin D (CyP40) is a widely expressed cytoplasmic protein that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. It is a widely expressed cytoplasmic protein.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

#### Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

#### Reconstitution:

If the antibody is in liquid form, it is ready to use, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

#### Reactivities:

Human, Mouse, Rat, Pig, Cow, Horse, Sheep,

#### Application:

- IF(1:50-200)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 20, 40kDa

#### Preservatives:

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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