

## bs-7693R-PE-Cy3

### • Rabbit Anti-Renalase Polyclonal Antibody, PE-Cy3 conjugated

Conjugated Primary Antibodies

#### Background:

Renalase, a novel FAD dependent amine oxidase, is secreted by the kidney, degrades circulating catecholamines, and modulates cardiac function and lowers systemic blood pressure. In vivo, it has been found to decrease cardiac contractility and heart rate and prevents a compensatory increase in peripheral vascular tone, possibly explaining the association between increased plasma catecholamines and heightened cardiovascular risk. The plasma concentration of renalase is markedly reduced in patients with end-stage renal disease, as compared with healthy subjects. The administration of renalase (or renalase mimics) may offer a new approach to the treatment of hypertension commonly found in renal disease, which is associated with a marked increase in cardiovascular disease.

**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, 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, Dog, Pig, Horse, Rabbit,

#### Application:

- IF(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 36kDa

#### 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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