

## bs-1554R-Cy7

### • Rabbit Anti-AQP5 Polyclonal Antibody, Cy7 conjugated

Conjugated Primary Antibodies

#### Background:

The aquaporins are small, very hydrophobic, intrinsic membrane proteins, the selectivity of which can be so high that even protons (H<sup>3</sup>O<sup>+</sup>) cannot pass, although some channels also transport glycerol and sometimes larger molecules in addition to water. All aquaporins bear common structural features, containing intracellular N- and C-termini and six transmembrane segments separated by five connecting loops. Aquaporin-mediated water flow in vivo is directed by osmotic or hydraulic gradients and most mammalian aquaporins are inhibited by mercurials.

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

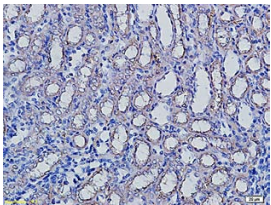
#### Storage:

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.



For full size images and description please click [HERE](#).

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

**Concentration:** 1ug/uL

**Host:** Rabbit

#### Reactivities:

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

#### Application:

- FACS(1:100-500)
- 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:** 29kDa

#### 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.