**Anti-Human NPY1R-159Tb**

Catalog: 3159025B  
Clone: 556153  
Package Size: 100 tests  
Isotype: IgG2b  
Storage: Store product at 4°C. Do not freeze.  
Reactivity: Human,  
Formulation: Antibody stabilizer with 0.05% Sodium Azide

### Technical Information

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to 3 X 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

### Description

Neuropeptide Y (NPY) and the closely related peptide YY (PYY) and pancreatic polypeptide (PP) are a family of 36-amino acid, tyrosine-rich peptides with amidated C-terminal ends that are involved in the control of a diverse set of behavioral process including appetite, circadian rhythm, and anxiety. There are five known mammalian neuropeptide Y receptors designated Y1 through Y5. Neuropeptide Y receptor type 1 (NPY1R) is a 44 kDa (unglycosylated) member of the G protein coupled receptor 1 family. Functionally, NPY1R is a receptor for neuropeptide Y and peptide YY. Y1 receptor deficient mice display a variety of physical and behavioral phenotypes including obesity, hyperinsulinemia, and increased territorial behavior.

### References


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