

## Purified Anti-Human TYRP1 Antibody[TA99]

catalog number: AN007880P

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

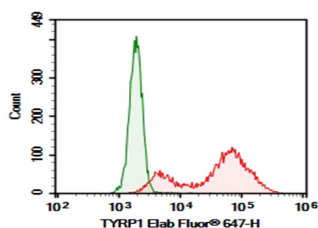
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human TYRP1 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG, $\kappa$
<b>Clone</b>	TA99
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>FCM</b>	2 $\mu\text{g}/\text{mL}$ ( $0.5 \times 10^6$ - $1 \times 10^6$ cells)
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### Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Human TYRP1 gene were stained with 0.2  $\mu\text{g}$  Purified Anti-Human TYRP1 Antibody[TA99] (Right) and 0.2  $\mu\text{g}$  Mouse IgG1,  $\kappa$  Isotype Control (Left), followed by

Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

Tyrosinase-related protein 1, also known as TYRP1 or MEL-5, is an enzyme found in melanocytes and is involved in the synthesis of melanin. TYRP1 stabilizes tyrosinase and modulates its catalytic activity. It is also involved in the maintenance of melanosome structures, as well as the proliferation and cell death of melanocytes.

### For Research Use Only