

## Anti-CD25/IL2R alpha Antibody (1W266)

## Product Details

Ig Type:	Human IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	1W266
Purification:	Affinity-chromatography

## Applications

Verified Activity:	<p>1. The Binding Activity of Human IL2RA with Anti-IL2RA Recombinant Antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human IL2RA at 2 µg/mL can bind Anti-IL2RA recombinant antibody, the EC50 is 2.463-3.353 ng/mL.</p> <p>2. Immunofluorescence staining of Hela cell with TMAH-00622 at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-human IgG(H+L).</p> <p>3. Immunofluorescence staining of HEPG2 cell with TMAH-00622 at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-human IgG(H+L).</p>
Application:	ELISA, IF
Recommended	IF:1:20-1:200.

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human IL2RA Protein
Antigen Species:	Human
Gene ID:	3559
Uniprot ID:	P01589
Synonyms:	interleukin 2 receptor, alpha;p55;IL-2RA;TCGFR;IL2R;interleukin 2 receptor, α;IDDM10;CD25;CD25/IL2R α
Biology Area:	Immunology

## Research Background

Receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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