



## Anti-IL-2R monoclonal antibody, clone OR-73 (DMAB3843MH)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal Antibody to Interleukin 2 Receptor (IL-2R)
<b>Specificity</b>	Human IL-2 Receptor
<b>Immunogen</b>	Con-A activated human PBL T cells.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	OR-73
<b>Affinity Constant</b>	Not determined
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	For flow cytometry, add 5–10ul per 10 <sup>6</sup> cells. Analysis was done on Con A stimulated human peripheral blood T cells. Dilution of 1:20 will block 80–90% of stimulation of CTLL cells by 100 Units of mouse IL-2.
<b>Format</b>	Purified, Lyophilized. Reconstitute with 0.2ml of water. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.
<b>Concentration</b>	Not applicable
<b>Size</b>	200 µg

<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	Store lyophilized product at 2–8°C. After reconstitution, if not used within a month, aliquot and store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL2RA interleukin 2receptor, alpha [ Homo sapiens ]</a>
<b>Official Symbol</b>	IL2RA
<b>Synonyms</b>	CD25; CD25 antigen; IDDM10; IL 2 RA; IL 2 receptor alpha subunit; IL 2R; IL2RAC a; Interleukin 2 receptor; Ly43; p55; T Cell Growth Factor Receptor; TAC Antigen; TCGFR; OTTHUMP00000019030; OTTHUMP00000019031; OTTHUMP00000019032
<b>Entrez Gene ID</b>	<a href="#">3559</a>
<b>Protein Refseq</b>	<a href="#">NP_000408.1</a>
<b>UniProt ID</b>	<a href="#">P01589</a>
<b>Chromosome Location</b>	10p15-p14
<b>Pathway</b>	Arf6 trafficking events; Cytokine Signaling in Immune system; Downstream signaling in naive CD8+ T cells; IL12 signaling mediated by STAT4; Interleukin-3, 5 and GM-CSF signaling; Signaling by Interleukins.
<b>Function</b>	drug binding; interleukin-2 receptor activity; receptor activity