



# Anti-IL2RA monoclonal antibody, clone OX-39 [R-PE] (CABT-48042MR)

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

## PRODUCT INFORMATION

### Product Overview

Mouse anti Rat CD25 antibody, clone OX-39 recognizes the alpha chain of rat CD25, otherwise known as IL-2 receptor alpha, a 55kDa type I membrane glycoprotein, expressed by activated T cells but not resting lymphocytes. CD25 is also expressed by dendritic cells found in the thymus medulla. Mouse anti Rat CD25 antibody, clone OX-39 has been described reacting with paraffin- embedded material following PLP fixation (periodate-lysine-paraformaldehyde). Mouse anti Rat CD25 antibody, clone OX-39 has been shown to weakly inhibit the binding of IL-2 to Con-A stimulated spleen blasts. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.

<b>Specificity</b>	CD25
<b>Immunogen</b>	Stimulated Rat T cells
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Rat
<b>Clone</b>	OX-39
<b>Conjugate</b>	PE
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
<b>Size</b>	100 tests
<b>Preservative</b>	0.09% Sodium Azide

<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Il2ra interleukin 2 receptor, alpha [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	IL2RA
<b>Synonyms</b>	IL2RA; interleukin 2 receptor, alpha; IL2RAC; interleukin-2 receptor subunit alpha; IL2-RA; IL-2-RA; IL-2R subunit alpha; IL-2 receptor alpha subunit; IL-2 receptor subunit alpha; interleukin-2 receptor alpha chain; interleukin 2 receptor, alpha chain; CD
<b>Entrez Gene ID</b>	<a href="#">25704</a>
<b>Protein Refseq</b>	<a href="#">NP_037295</a>
<b>UniProt ID</b>	P26897
<b>Chromosome Location</b>	17q12.3
<b>Pathway</b>	Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Endocytosis; G beta:gamma signalling through PI3Kgamma; G-protein beta:gamma signalling; GPCR downstream signaling; GPVI-mediated activation cascade; HTLV-I infection;
<b>Function</b>	drug binding; interleukin-2 binding; interleukin-2 receptor activity;