

## Product datasheet for **SM265PS**

### IL2ra Mouse Monoclonal Antibody [Clone ID: OX-39]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-39
Applications:	ELISA, FC, IHC, IP
Recommended Dilution:	Flow Cytometry: 1/10 - 1/50; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. ELISA. Immunoprecipitation. Immunohistochemistry on frozen and paraffin sections.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Stimulated Rat T cells. Spleen cells from immunised BALB/c mice were fused with cells of the NSO/1 mouse myeloma cell line.
Specificity:	This antibody recognizes the alpha chain of CD25, otherwise known as IL-2 receptor alpha. This clone has been described reacting with paraffin-embedded material following PLP fixation (periodatelysine-paraformaldehyde). Clone OX-39 has been shown to weakly inhibit the binding of IL-2 to Con-A stimulated spleen blasts. We recommend the use of SM265LE for this purpose.
Formulation:	PBS, pH7.4 containing 0.02% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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<b>Gene Name:</b>	interleukin 2 receptor subunit alpha
<b>Database Link:</b>	<a href="#">Entrez Gene 25704 Rat P26897</a>
<b>Background:</b>	CD25 is 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.
<b>Synonyms:</b>	Interleukin-2 receptor alpha chain, IL-2 receptor alpha subunit, IL-2-RA, IL2-RA, p55, TAC antigen