

## Product datasheet for **AM05864PU-N**

### IL2RA Mouse Monoclonal Antibody [Clone ID: K231.3B2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	K231.3B2
Applications:	FC, IHC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul. <b>Immunohistochemistry on Frozen Sections.</b>
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Con A activated porcine peripheral blood lymphocytes
Specificity:	This antibody recognises the Porcine CD25 cell surface antigen, a 65-70kD cell surface glycoprotein expressed by activated cells. Clone K231.3B2 was clustered as CD25 at the First International Workshop to Define Swine Cluster of Differentiation (CD) Antigens (Lunney et al. 1994). Mouse anti pig CD25, clone K231.3B2 immunoprecipitates a protein of ~65-70kDa from activated lymphocyte preparations (Bailey et al. 1992).
Formulation:	State: Purified State: Liquid Purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store 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.
Database Link:	<a href="#">O02733</a>



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**Background:**

The Interleukin 2 Receptor alpha and beta chains, together with the common gamma chain, constitute the high affinity IL2 receptor present on activated T and B cells, thymocyte subset, pre B cells and T regulatory cells. Homodimeric alpha chains result in low affinity receptor, while homodimeric beta chains produce a medium affinity receptor. Normally an integral membrane protein, soluble IL2 Receptor alpha has been isolated and determined to result from extracellular proteolysis. Alternately spliced IL2 Receptor alpha mRNAs have been isolated, but the significance of each is presently unknown.

**Synonyms:**

Interleukin-2 receptor alpha chain, IL-2 receptor alpha subunit, IL-2-RA, IL2-RA, p55, TAC antigen