

## Product datasheet for **AM32321RP-N**

### IL2 Receptor alpha (IL2RA) Mouse Monoclonal Antibody [Clone ID: CD25-3G10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CD25-3G10
Recommended Dilution:	<b>Flow Cytometry:</b> 5 µl is the maximum amount of reagent required for 1 x 10 <sup>6</sup> cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	The antibody reacts with the α chain of the Interleukin-2 Receptor (55 kD glycoprotein). CD25 is expressed on activated T-lymphocytes and B-lymphocytes.
Formulation:	Label: PE State: Liquid purified Ig fraction Preservative: 0,09% sodium azide Absorption emission: 488 nm / 575 nm
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 2 receptor subunit alpha
Database Link:	<a href="#">Entrez Gene 3559 Human P01589</a>
Background:	CD25 is the alpha chain of the IL-2 receptor. It is a type I transmembrane protein present on activated T cells, activated B cells, some thymocytes, myeloid precursors, and oligodendrocytes that associates with CD122 to form a heterodimer that can act as a high-affinity receptor for IL-2. CD25 is expressed in most B-cell neoplasms, some acute nonlymphocytic leukemia's, neuroblastomas, and tumor infiltrating lymphocytes. Its soluble form, called sIL-2R may be elevated in these diseases and is occasionally used to track disease progression.
Synonyms:	Interleukin-2 receptor alpha chain, IL-2 receptor alpha subunit, IL-2-RA, IL2-RA, p55, TAC antigen



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