

## Product datasheet for **TA386158**

### IL2 Receptor alpha (IL2RA) Mouse Monoclonal Antibody [Clone ID: AHT54]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	AHT54
Applications:	BI, ELISA, FC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	BALB/c mice were immunized with human T lymphoblasts and spleen cells of the immunized animals were fused with X63-Ag8.653 mouse myeloma cells. The supernatants of the resultant hybridomas were screened by a proliferation inhibition assay (inhibition of the human T lymphoblast response to IL-2). Two of those (the clones AHT54 and AHT107) that produced antibodies which inhibited IL-2 dependent proliferation of human T lymphoblasts were selected, cloned and recloned.
Specificity:	AHT54 recognises a determinant close to the IL-2 binding site.  AHT54 has been used in ELISAs for the detection of soluble human IL-2R in response to different forms of helminthic and protozoal infections (O. Josimovic et al. 1988). AHT54 has also been shown to have anti-proliferative activities, and chimeric AHT54 antibodies with a human constant region have an increased inhibitory effect on proliferation of T lymphocytes (Rose 1992).
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	interleukin 2 receptor subunit alpha
Database Link:	<a href="#">Entrez Gene 3559 Human P01589</a>



[View online »](#)

**Synonyms:** CD25; IDDM10; IL-2-RA; IL2-RA; IL2R; p55; TCGFR