



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-IL2R [AHT54] Bulk Size Ab00902-2.0-BT

**Isotype and Format:** Mouse IgG2a, Kappa

**Clone Number:** AHT54

**Alternative Name(s) of Target:** CD25; Interleukin 2 receptor; IL-2R; IL2 receptor; IL-2 receptor; Tac antigen; p55; AHT-54; AHT 54

**UniProt Accession Number of Target Protein:** P01589

**Published Application(s):** Block, ELISA, FC

**Published Species Reactivity:** Human

**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.

**Application Notes:** 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).

**Antibody First Published in:** Osawa H et al. Studies on the formation of high-affinity IL-2 binding sites of an IL-2 receptor p55 + p75 heterodimeric complex: functional importance of a determinant on the p55 subunit defined by a monoclonal antibody AHT-107 *Immunology Letters*, 20 (1989) 205 - 212 Elsevier  
[PMID:2469650](#)

**Note on publication:** Describes the of binding monoclonal antibodies AHT107 and AHT54 to IL-2R and their inhibitory effect on IL-2 dependent proliferation of human T lymphoblasts.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer

storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.