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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-IL2R [AHT54] Standard Size Ab00902-2.0

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: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.