
Antigen-Affinity Purified Polyclonal Antibodies

Anti-human IL-15

Description: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant human IL-15. Anti-human IL-15 specific antibody was purified by affinity chromatography employing immobilized human IL-15 matrix.

Host species:	Rabbits
Antigen:	Recombinant human IL-15
Purification:	Affinity chromatography
Stabilizer:	none
Buffer:	0.5 x PBS; pH 7.4
Formulation:	lyophilized

Reconstitution/Stability: The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C . When reconstituted in sterile water to a concentration of > 0.2 mg/ml the antibody is stable for at least six weeks at $2-4^{\circ}\text{C}$.

Applications

Neutralization: To yield one-half maximal inhibition [ND_{50}] of the biological activity of hIL-15 (1 ng/ml), a concentration of $0.15 - 0.2$ $\mu\text{g/ml}$ of this antibody is required..

Western Blot: To detect hIL-15 by Western Blot analysis this antibody can be used at a concentration of $0.1 - 0.2$ $\mu\text{g/ml}$. Used in conjunction with compatible secondary reagents the detection limit for recombinant human IL-15 is $1.5 - 3.0$ ng/lane, under either reducing or non-reducing conditions.

ELISA: To detect hIL-15 by direct ELISA (using $100\mu\text{l/well}$ antibody solution) a concentration of at least $0.5\mu\text{g/ml}$ of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of $0.2 - 0.4$ ng/well of recombinant hIL-15.

Usage: Anti human IL-15 is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: CYT-26632

Size: 100 μg

For Research Use Only

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