

rhIL-6

Recombinant Human Interleukin-6

Interleukin-6 (IL-6) is a multifunctional cytokine that plays an important role in the immune, inflammatory response, hematopoiesis, bone metabolism and cancer progression in vivo. IL-6 is produced by T-cell, B cell, macrophage, and fibroblasts, and has various biological functions. It acts on a variety of cells, including fibroblasts, myeloid progenitor cells, T cells, B cells and hepatocytes. IL-6 has been used instead of feeder cells as cloning factor against hybridoma.

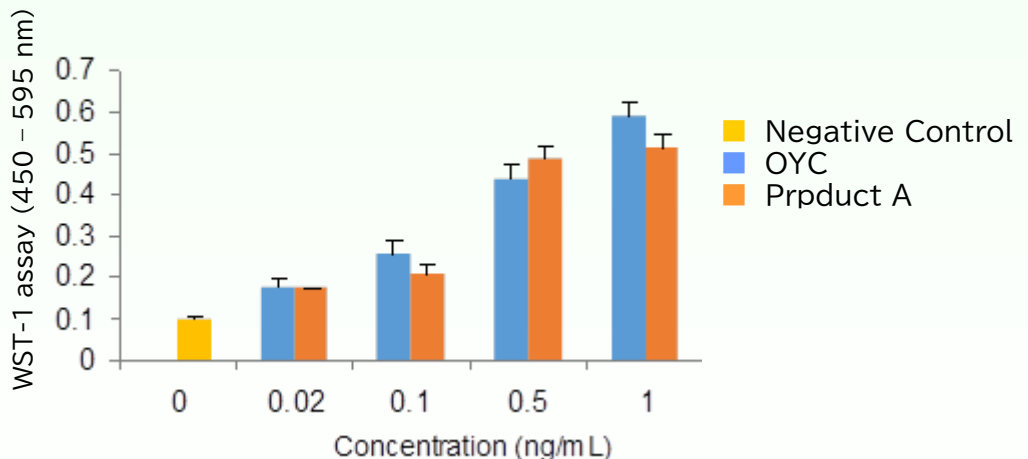
Specifications

Recombinant Human IL-6

Host	: <i>E.coli</i>
Origin	: Human
Molecular mass	: 23 kDa (His-tag fusion protein, dimer)
Concentration	: ≥ 1 mg/mL (10 mM Sodium Acetate)
Purity	: $\geq 95\%$ (SDS-PAGE)
Endotoxin level	: ≤ 0.1 EU/ μ g
Storage	: Frozen, below -70°C

* Every manufacturing lot is checked for their quality in terms of the above items.

Proliferative response of 7TD1 Cells



Seed 7TD1 cells at a concentration of 1×10^3 cells/well in serum-free culture medium containing various amounts of IL-6 into microplates. Incubate cells for four days at 37°C and 5% CO_2 . Proliferative response was detected by WST-1 solution.

Support For Cell Culture OYC research reagents

Item	Catalog number	Packing size
Recombinant Human IL-6	47082000	40 µg

- * For bulk inquiry, please contact the sales office at your region.
- * For research purpose only. Not for therapeutic or diagnostic use.

Related Products

Item	Catalog number	Packing size
Recombinant Human LIF	47076000	20 µg
Recombinant Mouse LIF	47080000	20 µg
	47081000	200 µg
Recombinant Human IL-4	PMC-IL4-10	10 µg

References

1. Gauldie, J. et al., Proc. Natl. Acad. Sci. USA, 84, 7521-7255 (1987).
2. Kishimoto, T., et al., Bioessays, 9, 11-15 (1988).
3. Kisimoto, T., Blood, 74, 1 (1989).
4. Van Snick, J., Annu. Rev. Immunol., 8, 253 (1990).
5. Kishimoto, T., et al., Science, 258, 593 (1992).

Please contact the one that best suits your need.

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