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Pascolizumab

Cat. No.:	HY-P99801
CAS No.:	331243-22-2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Pascolizumab (SB-240683) is a humanized anti-IL-4 monoclonal antibody. Pascolizumab has the potential for the research of asthma ^[1] .								
In Vitro	<p>Pascolizumab binding of IL-4 inhibits IL-4 interaction with the alpha chain of the IL-4 receptor^[1]. Pascolizumab (0-10000 pM; 3 days) shows anti-proliferative activity with IC₅₀ values of 157, 377 pM for T-cell and Tonsil B-cell, respectively^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Proliferation Assay^[1]</p> <table><tr><td>Cell Line:</td><td>human or monkey T cells</td></tr><tr><td>Concentration:</td><td>0-10000 pM</td></tr><tr><td>Incubation Time:</td><td>3 days</td></tr><tr><td>Result:</td><td>Inhibited the response of human and monkey T cells to recombinant monkey IL-4 (2 ng/ml) with IC₅₀ values of 268 pM and 587 pM, respectively.</td></tr></table>	Cell Line:	human or monkey T cells	Concentration:	0-10000 pM	Incubation Time:	3 days	Result:	Inhibited the response of human and monkey T cells to recombinant monkey IL-4 (2 ng/ml) with IC ₅₀ values of 268 pM and 587 pM, respectively.
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REFERENCES

[1]. Hart TK, et al. Preclinical efficacy and safety of pascolizumab (SB 240683): a humanized anti-interleukin-4 antibody with therapeutic potential in asthma. Clin Exp Immunol. 2002 Oct;130(1):93-100.

Caution: Product has not been fully validated for medical applications. For research use only.

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