

Visilizumab

Cat. No.:	HY-P99332
CAS No.:	219716-33-3
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Visilizumab (Anti-Human CD3E Recombinant Antibody) is a humanized low-Fc receptor binding anti-CD3 monoclonal IgG2 antibody. Visilizumab can be used for ulcerative colitis and Crohn's disease research ^[1] .									
In Vitro	<p>Visilizumab induces dose- and time-dependent apoptosis of lamina propria T cells. Visilizumab-induced apoptosis of lamina propria T cells is dependent on caspase 3 and 8, but not caspase 9 activation and does not involve the Fas/FasL pathway^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Apoptosis Analysis^[1]</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Cell Line:</td> <td>Lamina propria T cells</td> </tr> <tr> <td>Concentration:</td> <td>1 ng/mL, 10 ng/mL, 100 ng/mL, 1000 ng/mL, 10000 ng/mL</td> </tr> <tr> <td>Incubation Time:</td> <td>2 hours, 4 hours, 20 hours, 24 hours, 48 hours</td> </tr> <tr> <td>Result:</td> <td>Induced dose- and time-dependent apoptosis of lamina propria T cells.</td> </tr> </table>		Cell Line:	Lamina propria T cells	Concentration:	1 ng/mL, 10 ng/mL, 100 ng/mL, 1000 ng/mL, 10000 ng/mL	Incubation Time:	2 hours, 4 hours, 20 hours, 24 hours, 48 hours	Result:	Induced dose- and time-dependent apoptosis of lamina propria T cells.
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REFERENCES

[1]. Qi T Yu, et al. Visilizumab induces apoptosis of mucosal T lymphocytes in ulcerative colitis through activation of caspase 3 and 8 dependent pathways. Clin Immunol. 2008 Jun;127(3):322-9.

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

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