

Product Data Sheet

Product Name: Anti-Mouse CXCL16 Antibody (12-81)

Cat. No.: GC79222

Chemical Properties

Cas. No.

Formula

M.Wt

Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Anti-Mouse CXCL16 Antibody (12-81) is an antibody targeting mouse CXCL16. Anti-Mouse CXCL16 Antibody (12-81) blocks the CXCL16 / CXCR6 signaling axis. Anti-Mouse CXCL16 Antibody (12-81)

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

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reduces the recruitment of CD8 + T cells into the brain. Anti-Mouse CXCL16 Antibody (12-81) alleviates the reduction of hippocampal neurogenesis. Anti-Mouse CXCL16 Antibody (12-81) attenuates anxiety-like behaviors in mice. Anti-Mouse CXCL16 Antibody (12-81) can be used in studies related to anxiety-like behaviors. The recommended isotype control is Rat IgG1 kappa, Isotype Control [1].

In Vivo, Anti-Mouse CXCL16 Antibody (12-81) (4 µL per injection; intracranial injection; 2 injections total) blocks CXCL16, reduces HBV-mediated recruitment of CD8+ T cells into the brain, restores hippocampal neurogenesis, and alleviates anxiety-like behaviors in male C57BL/6 mice^[1].

References:

[1]. Zhou T, et al. CD8 positive T-cells decrease neurogenesis and induce anxiety-like behaviour following hepatitis B vaccination. Brain communications. 2024;6(5):fcae315.

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