

## Mouse Monoclonal Antibody to IL-16

|                                |  |
|--------------------------------|--|
| <b>Catalogue Number</b>        | sAP-0012   |
| <b>Target Molecule</b>         | <p><b>Name:</b> IL-16</p> <p><b>Aliases:</b> IL16</p> <p><b>MW:</b> N/A</p> <p><b>Entrez Gene ID:</b> 3603</p>   |
| <b>Description</b>             | Interleukin-16, also known as lymphocyte chemoattractant factor (LCF), is a chemotactic cytokine that stimulates a migratory response in CD4+ lymphocytes, monocytes, and eosinophils through binding to the CD4 receptor. IL-16 induces human T-lymphocyte expression of interleukin 2 receptor and upregulates major histocompatibility complex molecules on resting human T lymphocyte. It is able to render CD4+ T cells unresponsive to TCR/CD3 stimuli. Moreover, IL-16 inhibits the replication of T cell and monocyte tropic HIV strains in vitro. |
| <b>Immunogen</b>               | Purified recombinant fragment of human IL-16 expressed in E. Coli.   |
| <b>Reactive Species</b>        | Human  |
| <b>Clone</b>                   | MM5D8;   |
| <b>Size and Concentration</b>  | 100µg/1mg/ml   |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.  |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage   |
| <b>Applications</b>            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000  |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)   |
| <b>Reference</b>               | 1. Cruikshank, W.W. et al 1994. Proc. Nat. Acad. Sci. 91: 5109-5113.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**