

- Rabbit Anti-IL-16/LCF Polyclonal Antibody**

Primary Antibodies**Background:**

IL 16 is a proinflammatory cytokine that is chemotactic for CD4+ T lymphocytes, monocytes, and eosinophils. IL 16 is synthesized as a precursor molecule (pro IL 16) of approximately 68 kDa and 631 amino acid residues lacking a signal peptide. The sequence and structure of IL 16 is conserved across species. In addition to inducing chemotaxis, IL 16 upregulates the IL2 receptor and upregulates HLADR expression. It also inhibits T cell receptor (TCR)/CD3 dependent activation, and suppresses HIV1 replication in vitro. Sources of IL 16 include epithelial cells, mast cells, T lymphocytes (CD4+ and CD8+), macrophages, synovial fibroblasts, and eosinophils.

Source/Purification:

KLH conjugated synthetic peptide derived from mouse IL-16 C-terminus. Was purified by Protein A and peptide affinity chromatography.

Storage: Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year.

Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Host: Rabbit

Reactivities: Mouse,Rat,

Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IP(1:20-100)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications.
Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 76/147kDa

Preservatives:

10ug/uL BSA and 0.1% NaN₃.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.