

DESCRIPTION

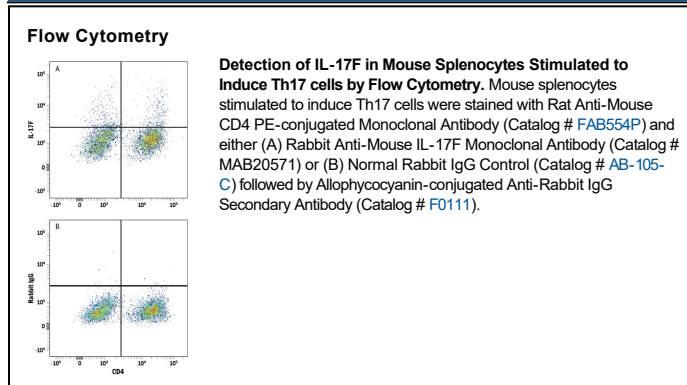
| | |
|---------------------------|---|
| Species Reactivity | Mouse |
| Specificity | Detects mouse IL-17F in direct ELISAs. |
| Source | Recombinant Monoclonal Rabbit IgG Clone # 1058A |
| Purification | Protein A or G purified from cell culture supernatant |
| Immunogen | <i>E. coli</i> -derived recombinant mouse IL-17F Ala21-Val153 Accession # Q7TNI7 |
| Formulation | Supplied as a solution in PBS containing BSA, Glycerol and Sodium Azide. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS. |

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

| | Recommended Concentration | Sample |
|-----------------------|----------------------------------|---------------|
| Flow Cytometry | 1:1000 dilution | See Below |

DATA



PREPARATION AND STORAGE

| | |
|--------------------------------|---|
| Shipping | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C, as supplied. ● 1 month, 2 to 8 °C under sterile conditions after opening. ● 6 months, -20 to -70 °C under sterile conditions after opening. |

BACKGROUND

IL-17F, also called ML-1 or IL-24, is one of six IL-17 family members. All are homodimeric glycoproteins with conserved cysteines that form a cystine knot structure. IL-17F is a 44 kDa dimer expressed by activated monocytes that acts in a stimulation loop with activated CD4+T cells to produce IL-2, TGFβ and MCP-1. Like IL-17A, it recruits neutrophils to airways during allergic reactions. IL-17F has a long form and a short form (predominant), which have alternate start sites but similar function. Mouse IL-17F is 58% aa identical to human IL-17F.