

DESCRIPTION

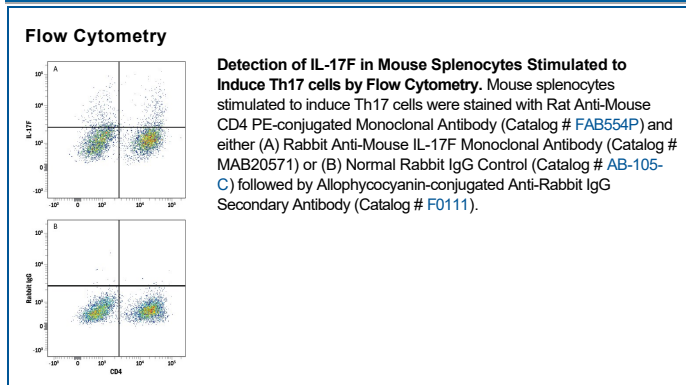
Species Reactivity	Mouse
Specificity	Detects mouse IL-17F in direct ELISAs.
Source	Recombinant Monoclonal Rabbit IgG Clone # 1058A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse IL-17F Ala21-Val153 Accession # Q7TNI7
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. 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	0.25 µg/10 ⁶ cells	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. 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 reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.