

Mouse monoclonal, clone: FT40-1E4

Catalog: M2043 Pack Size: 100µg

Interleukin 12 p40 subunit (IL-12p40) is a component of the bioactive cytokines IL-12 and IL-23. Existing in either a monomeric or homodimeric form it is induced in excess of the other subunits of IL-12 and IL-23. Most known for providing negative feedback by competing for the IL-12 receptor it also functions as a chemoattractant for macrophages and is associated with several pathogenic inflammatory responses.

Description	
Immunogen	Full length HEK293-derived recombinant Ferret IL-12p40
Reactivity	Ferret
Source	Mouse monoclonal IgG ₁
Purification	Protein G purified from hybridoma cell culture supernatant
Applications	ELISA (Capture)
Formulation	Lyophilized from PBS with Trehalose Reconstitute in 100μL ddH ₂ O to 1 mg/mL
Shipping	Ambient
Storage	2 years at -20°C to -80°C as supplied 1 month at 4°C after reconstitution with preservative 1 year at -20°C to -80°C after reconstitution
Expiration	2 years from date of receipt
Ferret IL-12p40 SPL (Log): R^2 = 0.99865 Active Inactive Curve fit	Ferret IL-12p40 homodimer Luminex Assay
104	Capture: Ferret IL-12p35 clone FT40-1E4 (Cat # M2043) Detection: Ferret IL-12p40 clone FT40-1B12 Antigen: Recombinant Ferret IL-1240 [HEK293] (Cat # P4017)
10 ³ □ 10 ²	
10° 10¹ 10² 10³ Concentration (pg/mL)	

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