

IL17C

Mouse Anti-Human IL-17C (Clone B-Z17) mAb, Azide Free

Catalog No.	CDM521A	Quantity:	200 µg
	CDM521B		500 µg

Alternate Names: Interleukin-17C, Cytokine CX2

Description: The IL-17 cytokine family consists of six members (IL-17A to F). IL-17C has emerged as a unique member of this pro-inflammatory cytokine group. In contrast to IL-17A and IL-17F, IL-17C is upregulated very early in several disease settings, and the cellular source of the homodimeric cytokine differs from the other members of the family. Epithelial rather than hematopoietic cells were identified as the producers of IL-17C, while its receptor IL-17RE is expressed on TH17 cells as well as the epithelial cells themselves. Numerous investigations led to the current understanding that IL-17C maintains an autocrine loop in the epithelium reinforcing innate immune barriers and stimulates highly inflammatory TH17 cells. Functionally, the IL-17C/RE axis is involved in the pathogenesis of several diseases ranging from infectious and autoimmune conditions to cancer development and progression.

UniProt ID: Q9P0M4

Gene ID: 27189

Hybridoma: Myeloma X63/AG.8653 x Balb/c node cells

Specificity: Recognizes native human IL-17C, but not all recombinant IL-17C

Isotype: Mouse IgG1 kappa

Immunogen: Recombinant human IL-17C

Clone: B-Z17

Concentration: 1.0 mg/ml

Formulation: Sterile-filtered PBS, carrier and preservative free.

Applications: ELISA

Storage & Stability: Stable at 2-8°C for 12 months. For longer storage, freeze aliquots at -20 to -80°C. **Avoid repeated freeze-thaw cycles.**

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