



# Anti-IL25 monoclonal antibody, clone 308803 (DCABY-4129)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The IL-17 family is comprised of at least six proinflammatory cytokines that share a conserved cysteine-knot structure but diverge at the N-terminus. IL-17 family members are glycoproteins secreted as dimers that induce local cytokine production and recruit granulocytes to sites of inflammation. IL-17 is induced by IL-15 and IL-23, mainly in activated CD4+ T cells distinct from Th1 or Th2 cells. IL-17F is the most homologous to IL-17, but is induced only by IL-23 in activated monocytes. IL-17B binds the IL-17B receptor, but not the IL-17 receptor; it is most homologous with IL-17D, which is expressed by resting CD4+ T cells and CD19+ B cells. IL-17E is mainly produced by Th2 cells and recruits eosinophils to lung tissue. IL-17C has a very restricted expression pattern but has been detected in adult prostate and fetal kidney libraries.
<b>Specificity</b>	Detects mouse IL-17E/IL-25 in ELISAs. In ELISAs, this antibody does not cross-react with recombinant human (rh) IL-17E, rIL-17, IL-17B, C, D, or F.
<b>Immunogen</b>	E. coli-derived recombinant mouse IL-17E/IL-25. Val17-Ala169 Accession Number NP_542767
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	308803
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA Capture (Matched Pair), Intracellular Staining by Flow Cytometry
<b>Format</b>	Liquid

<b>Size</b>	500 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL25 interleukin 25 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	IL25
<b>Synonyms</b>	IL25; interleukin 25; IL17e; IL-17e; interleukin-25; interleukin 17E;
<b>Entrez Gene ID</b>	<a href="#">140806</a>
<b>Protein Refseq</b>	<a href="#">NP_542767</a>
<b>UniProt ID</b>	<a href="#">Q8VHH8</a>
<b>Chromosome Location</b>	14 C3; 14
<b>Pathway</b>	Cytokine-cytokine receptor interaction;
<b>Function</b>	cytokine activity; interleukin-17E receptor binding;