



Anti-IL25 polyclonal antibody [Biotin] (DPABY-535)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	Detects mouse IL-17E/IL-25 in ELISAs and Western blots. In sandwich immunoassays, less than 0.5% cross-reactivity recombinant human IL-17E, recombinant mouse (rm) IL-17, rmlIL-17B, rmlIL-17C, rmlIL-17D, and rmlIL-17F is observed.
Immunogen	E. coli-derived recombinant mouse IL-17E/IL-25 . Val17-Ala169 Accession Number NP_542767
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid

Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	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, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

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