

Anti-IL17E Picoband Antibody

Catalog # ABO10305

Specification

Anti-IL17E Picoband Antibody - Product Information

ApplicationWB, EPrimary Accession09H293HostRabbitReactivityHuman, Mouse, RatClonalityPolyclonalFormatLyophilizedDescriptionRabbit IgG polyclonal antibody for IL17E detection. Tested with WB, ELISA(Cap) inHuman;Mouse;Rat.Human;Mouse;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-IL17E Picoband Antibody - Additional Information

Gene ID 64806

Other Names Interleukin-25, IL-25, Interleukin-17E, IL-17E, IL25, IL17E

Application Details Western blot, 0.1-0.5 μg/ml
 ELISA(Cap), 0.1-0.5 μg/ml

Subcellular Localization Secreted.

Tissue Specificity Expressed at low levels in several tissues, including brain, kidney, lung, prostate, testis, spinal cord, adrenal gland, and trachea.

Contents Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen E. coli-derived human IL17E recombinant protein (Position: Y33-G177).

Cross Reactivity No cross reactivity with other proteins.

Storage

At -20°C; for one year. After r°Constitution, at 4°C; for one month. It°Can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and



thawing.

Anti-IL17E Picoband Antibody - Protein Information

Name IL25

Synonyms IL17E

Function

Cytokine produced by various cells such as eosinophils, T- helper type 2 (Th2) cells or epithelial cells that plays a role in internal safety of adaptive immune responses by regulating cytokine production (PubMed:15860795, PubMed:25821217). Promotes and augments T- helper type 2 responses locally or systemically (PubMed:25821217). Promotes and augments T- helper type 2 responses locally or systemically (PubMed:25821217). Exerts its activity via its receptor composed of IL17RA and IL17RB for signal transduction (By similarity). In turn, stimulates the JAK2- STAT5A pathway and promotes the secretion of type-2 associated cytokines including IL4, IL9 and IL13 (PubMed:). Also induces the release of IL8, and IL6 from eosinophils through the combined activation of MAPK and NF-kappa-B pathways (PubMed:). Inhibits the differentiation of T-helper (Th17) cells via the production of IL4, IL5 and IL13 (PubMed:).

Cellular Location Secreted.

Tissue Location

Expressed at low levels in several tissues, including brain, kidney, lung, prostate, testis, spinal cord, adrenal gland, and trachea

Anti-IL17E Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- <u>Flow Cytomety</u>
- <u>Cell Culture</u>

Anti-IL17E Picoband Antibody - Images