

IL-25 / IL-17E Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3964a**Specification**

IL-25 / IL-17E Antibody (internal region) - Product Information

Application	WB
Primary Accession	O9H293
Other Accession	NP_073626.1 , NP_758525.1 , 64806
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	20330

IL-25 / IL-17E Antibody (internal region) - Additional Information**Gene ID** 64806**Other Names**

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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL-25 / IL-17E Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

IL-25 / IL-17E Antibody (internal region) - 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:<[a href="http://www.uniprot.org/citations/25821217"](http://www.uniprot.org/citations/25821217)>25821217, PubMed:<[a href="http://www.uniprot.org/citations/15860795"](http://www.uniprot.org/citations/15860795)>15860795). Promotes and augments T- helper type 2 responses locally or systemically (PubMed:<[a href="http://www.uniprot.org/citations/25821217"](http://www.uniprot.org/citations/25821217)>

target="_blank">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:25821217). Induces also the release of IL8, and IL6 from eosinophils through the combined activation of MAPK and NF-kappa-B pathways (PubMed:15860795). Inhibits the differentiation of T-helper (Th17) cells via the production of IL4, IL5 and IL13 (PubMed:11754819).

Cellular Location

Secreted.

Tissue Location

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

IL-25 / IL-17E Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL-25 / IL-17E Antibody (internal region) - Images



AF3964a (0.5 µg/ml) staining of Human Prostate lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

IL-25 / IL-17E Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_073626.1; NP_758525.1).

IL-25 / IL-17E Antibody (internal region) - References

T-helper cell type 2 (Th2) memory T cell-potentiating cytokine IL-25 has the potential to promote angiogenesis in asthma. Corrigan CJ, Wang W, Meng Q, Fang C, Wu H, Reay V, Lv Z, Fan Y, An Y, Wang YH, Liu YJ, Lee TH, Ying S. Proc Natl Acad Sci U S A. 2011 Jan 25;108(4):1579-84. PMID: 21205894