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Rabbit Anti-IL-17 antibody

SL1183R

Product Name:	IL-17
Chinese Name:	白介素-17抗体
Alias:	Interleukin-17; CTLA 8; CTLA8; Cytotoxic T lymphocyte associated antigen 8; Cytotoxic T lymphocyte associated protein 8; Cytotoxic T lymphocyte associated serine esterase 8; IL 17A; IL17A; IL-17A; Interleukin 17; Interleukin 17A; Interleukin17; Interleukin17A.
文献引用 PubMed :	**Specific References(4)**|SL1183R has been referenced in 4 publications. **[IF=1.37]**Yang, Xiao, et al. "Effect of Iodine Excess on Th1, Th2, Th17, and Treg Cell Subpopulations in the Thyroid of NOD. H-2h4 Mice." Biological Trace Element Research (2014): 1-9.**IHC-P;Mouse**. PubMed:24740393 **[IF=4.03]**Venkatasubramanian, Sambasivan, et al. "Tissue factor expression by myeloid cells contributes to protective immune response against Mycobacterium tuberculosis infection." European Journal of Immunology (2015).**IHC-P;Mouse**. PubMed:26471500 **[IF=1.55]**Yang, Lijuan, et al. "Effect of IL-17 in the development of colon cancer in mice." Oncology Letters 12.6 (2016): 4929-4936.**WB;Mouse**. PubMed:28101230 **[IF=2.55]**Chen, Baiwen, et al. "Effects of 1, 25-dihydroxyvitamin D3 in an ovalbumin-induced allergic rhinitis model." International Immunopharmacology 47 (2017): 182-189.**IHC-F;Mouse**. PubMed:28412624
Organism Species:	Rabbit

Clonality:	Polyclonal
React Species:	Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	15kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from mouse IL-17:85-150/150
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	IL17, also known as CTLA8, is a T cell derived hematopoietic cytokine. It was originally cloned from a T cell hybridoma produced by fusion of a mouse cytotoxic T cell clone and a rat T lymphoma. IL17 exhibits multiple biological activities on a variety of cells including: the induction of IL6, IL8 and GCSF production in fibroblasts; the enhancement of surface expression of ICAM 1 in fibroblasts; activation of NF kappaB and costimulation of T cell proliferation. IL17 is an approximately 16 kDa polypeptide of 136 amino acids. The precursor form of IL17 consists of 155 amino acids. To generate the mature IL17 (136 amino acids), the precursor cleaves a 19 amino acid signal peptide. Human IL17 shows approximately 62.5% amino acid homology to mouse IL17 and 58% amino acid homology to rat IL17. **Function:** Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of ICAM1/intracellular adhesion molecule 1 in fibroblasts. **Subunit:** Homodimer. **Subcellular Location:** Secreted. **Tissue Specificity:** Restricted to a subset of activated T-cells. **Post-translational modifications:** Found both in glycosylated and nonglycosylated forms.

Similarity:
Belongs to the IL-17 family.

SWISS:
Q16552

Gene ID:
16171

Database links:

Entrez Gene: 3605Human

Entrez Gene: 16171Mouse

Entrez Gene: 301289Rat

Omim: 603149Human

SwissProt: Q16552Human

SwissProt: Q62386Mouse

SwissProt: Q61453Rat

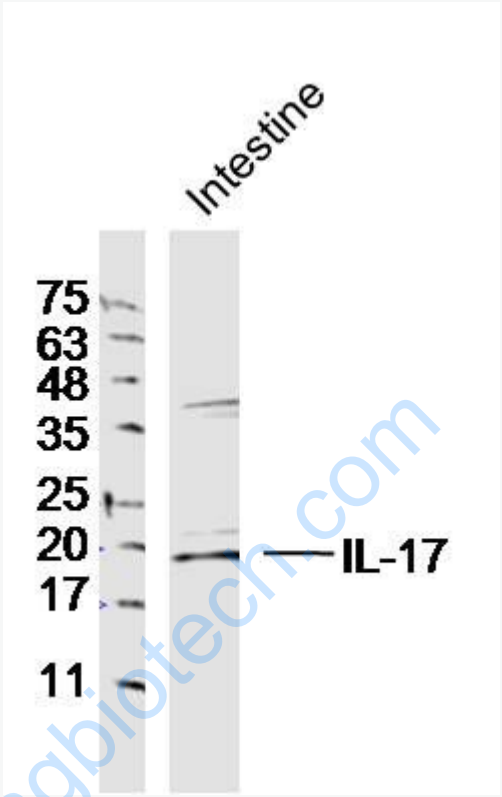
Unigene: 41724Human

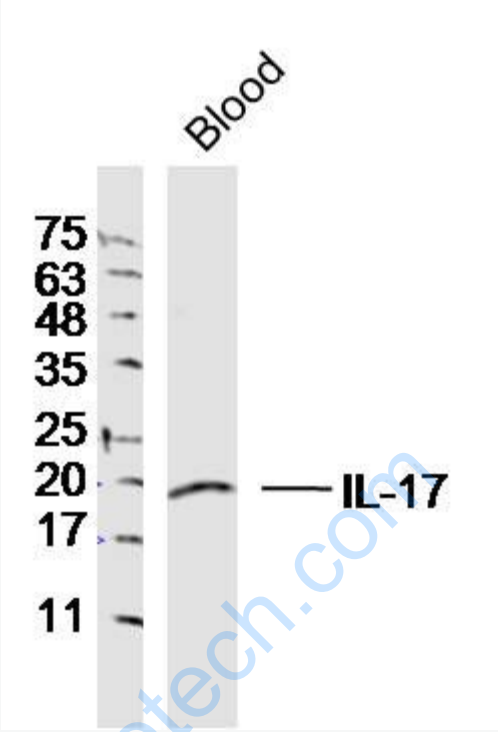
Unigene: 5419Mouse

Unigene: 218513Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

白细胞介素17（IL-17A）是一种来源于活化Tlymphocyte的cell factor,具有较广泛的生物学活性,它能够通过诱导基质细胞产生前炎性cell factor和造血cell factor参与机体免疫调节及部分炎症反应，因此白细胞介素IL-17A可能是某些疾病发生发展的重要因素之一。Interleukin-17 原称CTLA-8,是T细胞表达的多肽，参与造血干系统的调节，已经显示IL-

	17促进纤维母细胞产生IL-6，IL-8和G-CSF。
Picture:	 Sample: Intestine (Rat)cell Lysate at 40 ug Primary: Anti-IL-17(SL1183R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 15 kD Observed band size: 19kD



Sample:Blood (mouse)cell Lysate at 40 ug

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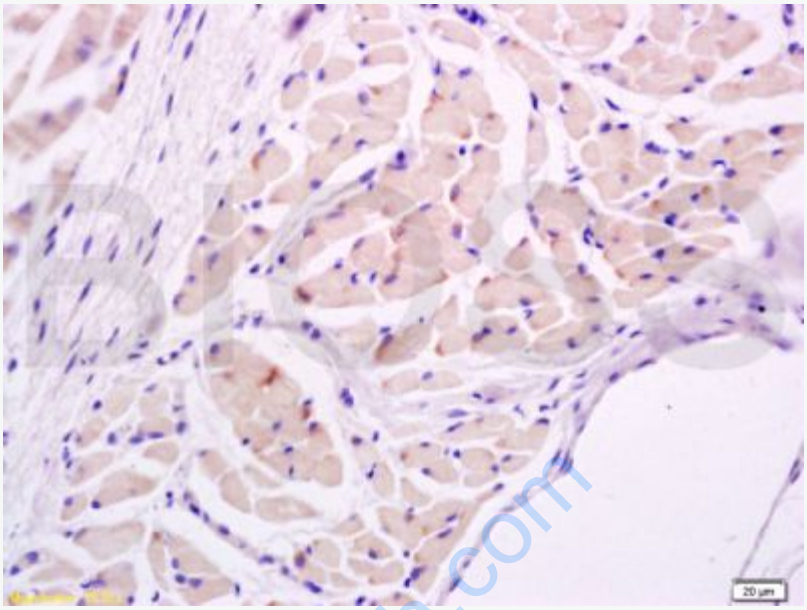
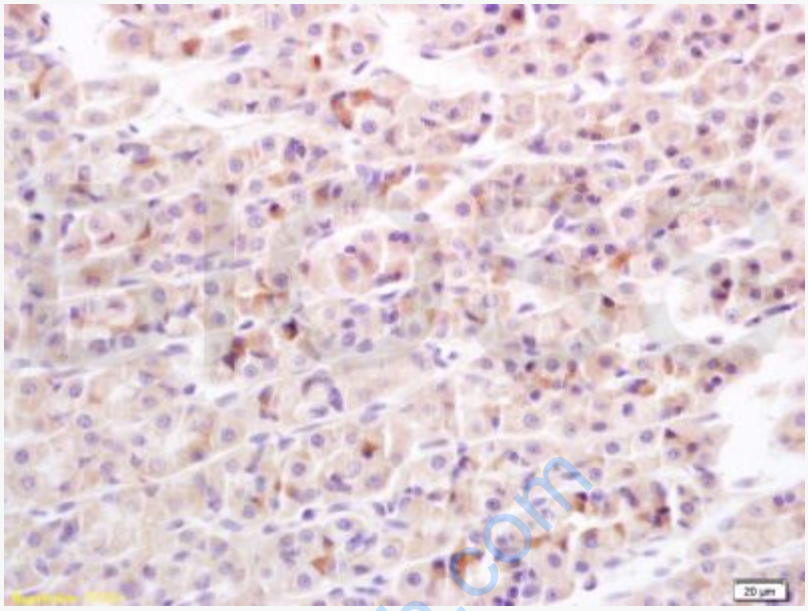


Tissue/cell: rat tongue tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-IL-17/IL-17A Polyclonal Antibody, Unconjugated(SL1183R) 1:600, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat stomach tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-IL-17/IL-17A Polyclonal Antibody, Unconjugated(SL1183R) 1:600, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining