

Mouse anti-Human IL-25 Monoclonal Antibody | anti-IL25 antibody

Mouse Anti-Human IL-25-UNLB

CATALOG # AAA78624	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

IL-25; Monoclonal Antibody; Mouse Anti-Human IL-25-UNLB; Mouse anti-Human Interleukin-25 (IL-25); anti-IL25 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	SB129e1
Specificity	Reacts with native and recombinant human IL-251 Interleukin-25 (IL-25), also known as IL-17E, is a 17kD protein and a recently identified member of the IL-17 cytokine family. This cytokine is secreted by a variety of cells, including type 2 helper T cells (Th2), bone marrow-derived mast cells and alveolar macrophages2. On target cells, IL-25 can induce the production of several type 2 cytokines including IL-4, IL-5 and IL-13 and implicates a role for this cytokine in type 2 immune response3. Studies have linked this cytokine to promoting airway hyperreactivity, limiting pro inflammatory cytokine production and chronic intestinal inflammation and providing protective immunity following intestinal helminth infection4-6.
Form/Format	Purified (UNLB) Antibody
Applicable Applications for anti-IL25 antibody	ELISA
Immunogen	Recombinant Human IL-25
Characterization	To ensure acceptable performance, each batch of product is tested by ELISA to conform to characteristics of a standard reference reagent.
Preparation and Storage	The purified (UNLB) antibody is supplied as 0.5mg purified immunoglobulin in 1.0mL of 100mM borate buffered saline, pH 8.2; store at 2-8 degree C. Reagents are stable for the period shown on the label if stored as directed.

ADDITIONAL INFORMATION

References	1) Kleinschek, M.A. et al. (2007). J. Exp. Med. 204:161-70. 3) Fort, M.M. et al. (2001). Immunity. 15:985-95. 4) Owyang, A.M. et al. (2006). J. Exp. Med. 203:1105-16. 5) Stock, P. et al. (2009). J. Immunol. 182:5116-22. 6) Perrigoue, J.G. et al. (2008). Cell Microbiol. 10:1757-64.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27477081
NCBI GeneID	64806
NCBI Accession #	NP_758525.1

NCBI GenBank Nucleotide #	NM_172314.1
UniProt Accession #	Q9H293; Q2M3F0; Q8IZV3; Q8WXB0
Molecular Weight	20,330 Da
NCBI Official Full Name	interleukin-25 isoform 2
NCBI Official Synonym Full Names	interleukin 25
NCBI Official Symbol	IL25
NCBI Official Synonym Symbols	IL17E
NCBI Protein Information	interleukin-25; interleukin-17E
UniProt Protein Name	Interleukin-25
UniProt Gene Name	IL25
UniProt Synonym Gene Names	IL17E; IL-25; IL-17E
UniProt Entry Name	IL25_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-25-antibody-clone-sb129e1-elisa/78624>