

Rabbit anti-Rat IL13 Antibody | anti-IL13 antibody

IL13 Antibody

CATALOG # AAA225752	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Western Blot
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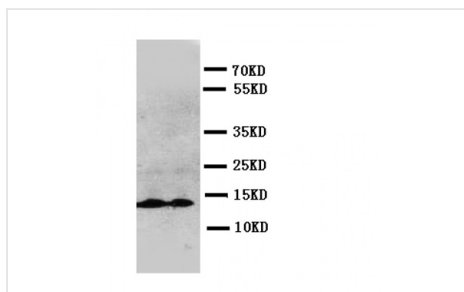
PRODUCT SYNONYMS

IL13; IL13 Antibody; Affinity Purified Rabbit Polyclonal IL13 Antibody; Polyclonal IL13 antibody; Anti-IL13 antibody; IL 13 antibody; NC300 antibody; IL 13; IL-13 antibody; Human P600 antibody; Interleukin 13 antibody; IL-13; anti-IL13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Purity/Purification	IL13 antibody was purified by affinity chromatography
Form/Format	Lyophilized from 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . Reconstitute with 0.2ml distilled water for a final concentration of 500ug/ml
Applicable Applications for anti-IL13 antibody	WB (Western Blot)
Immunogen	Synthetic peptide corresponding to a sequence in the middle region of rat IL13
Biological Significance	IL13 is an immunoregulatory cytokine produced primarily by activated Th2 cells, and also by mast cells and NK cells. Targeted deletion of IL13 in mice resulted in impaired Th2 cell development and indicated an important role for IL13 in the expulsion of gastrointestinal parasites. IL13 exerts anti-inflammatory effects on monocytes and macrophages and it inhibits the expression of inflammatory cytokines such as IL1beta, TNF-alpha, IL6 and IL8. IL13 has also been shown to enhance B cell proliferation and to induce isotype switching resulting in increased production of IgE. Blocking of IL13 activity inhibits the pathophysiology of asthma. Human and Mouse IL13 is cross-species reactive.
Preparation and Storage	Short Term: 4°C Long Term: -20°C. Avoid repeat freeze/thaw cycles.

IMAGES


WB (Western Blot)

Lysate/Sample used in Western blot: Recombinant Rat IL-13 Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-IL13 antibody	IL13 is an immunoregulatory cytokine produced primarily by activated Th2 cells, and also by mast cells and NK cells. Targeted deletion of IL13 in mice resulted in impaired Th2 cell development and indicated an important role for IL13 in the expulsion of gastrointestinal parasites. IL13 exerts anti-inflammatory effects on monocytes and macrophages and it inhibits the expression of inflammatory cytokines such as IL1beta, TNF-alpha, IL6 and IL8. IL13 has also been shown to enhance B cell proliferation and to induce isotype switching resulting in increased production of IgE. Blocking of IL13 activity inhibits the pathophysiology of asthma. Human and Mouse IL13 is cross-species reactive.
Product Categories/Family for anti-IL13 antibody	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	64654183
NCBI GeneID	3596
NCBI Official Full Name	IL13 protein
NCBI Official Synonym Full Names	interleukin 13
NCBI Official Symbol	IL13
NCBI Official Synonym Symbols	P600; IL-13
NCBI Protein Information	interleukin-13

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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-rat-antibody/il13/225752>