

Product datasheet for **AM20534AF-N**

IL13 Mouse Monoclonal Antibody [Clone ID: A130D 12G5 1E4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	A130D 12G5 1E4
Applications:	ELISA, FC, IHC
Recommended Dilution:	ELISA. Flow Cytometry. Immunohistochemistry on Paraffin Sections: 10 µg/ml.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Rat IL-13 ptotein
Specificity:	Recognizes recombinant and native Rat IL-13.
Formulation:	PBS, pH 7.2 State: Azide Free State: Liquid purified Ig fraction without preservatives
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 13
Database Link:	Entrez Gene 116553 Rat P42203



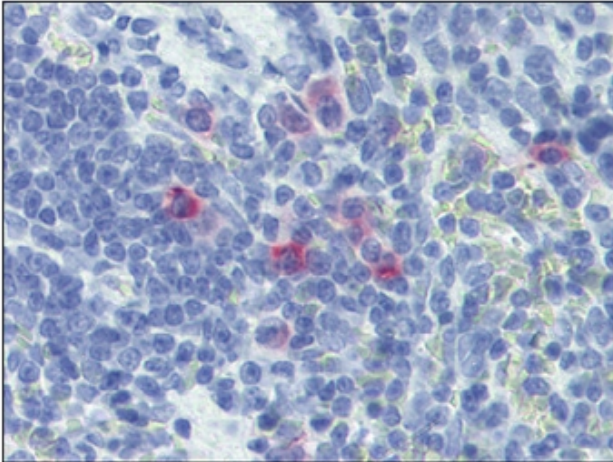
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Background:

Interleukin-13 (IL-13) is a multifunctional cytokine whose net principle action is to diminish inflammatory responses. Interleukin (IL)-13 is an important cytokine secreted from type 2 helper T lymphocytes. It is essential for modulating IgE synthesis by human B cells. Previous studies showed that polymorphisms in the IL-13 gene were associated with serum total IgE or allergic asthma. Interleukin (IL)-13 is a pleiotropic cytokine, which shares many biological functions with IL-4. The receptor subunits of IL-13 consist of IL-4Ralpha, IL-13Ralpha1 and IL-13Ralpha2.

Synonyms:

IL-13, NC30

Product images:

Formalin-Fixed, Paraffin-Embedded Rat Spleen stained with Interleukin-13 / IL13 Antibody at 10 ug/ml after heat-induced antigen retrieval.