H17N is a non-blocking monoclonal antibody.

Differentiation of other hematopoietic cells (11).

Proliferation and may function in the regulation of early B cell (SRY(sex determining region Y)-box 4). SOX4 containing protein, syntenin, which interacts with the transcriptional activator SOX4 that the pathway (8, 9, 10). It has also been established that the pathway and the RAS/RAF1/MEK/ERK/MAPK pathway (11).

Following activation of the Janus associated pathway results in a conformational change in the receptor which results in a conformational change in the receptor. Heterodimerization of the receptor complexes then associates with the common complex.

The Th2 response, binds the IL-5Rα receptor (IL-5Rα) is a type I trans-membrane glycoprotein belonging to the cytokine receptor family. It associates with CD131, the common β-chain shared with the IL-3 and GM-CSF receptors, to form the high-affinity IL-5Rα receptor.

The α chain subunit consists of 420 amino acid residues. The extracellular domain, composed of 345 residues, consists of an N-terminal domain followed by a cytokine receptor domain, three fibronectin type III-like domains and a conserved tryptophan-serine-X-tryptophan-serine (WSXWS) motif in the proximal domain. The transmembrane domain of 21 residues precedes the proline-rich cytoplasmic tail of 55 residues. The α chain molecular weight is approximately 60 kDa after glycosylation (1).

The IL-5Rα gene maps to the long arm of human chromosome 3 (3p26). A normal mRNA splicing event yields to a soluble form of IL-5Rα whereas alternative splicing is required for cell membrane anchoring (2, 3, 4).

In the human, the IL-5Rα antigen is expressed on eosinophils and basophils but not on neutrophils, monocytes or lymphocytes (1, 5, 6). Human B cells express mRNA for IL-5Rα but respond to IL-5 only if it is added with CD131, the common β-chain shared with the IL-3 and GM-CSF receptors, to form the high-affinity IL-5Rα receptor.

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SELECTED RESEARCH REFERENCES


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