

## Anti-IL-5 Antibody (3D593)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3D593
Purification:	Protein A

### Applications

	Anti-IL5 rabbit monoclonal antibody at 1:500 dilution. -Lane A: Hela Whole Cell lysate. -Lysates/proteins at 30 µg per lane. -Secondary
Verified Activity:	-Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. -Developed using the ECL technique. -Performed under reducing conditions. -Predicted band size:15 kDa. -Observed band size:20 kDa
Application:	WB
Recommended	WB: 1:500-1:2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: Human IL-5 Protein (TMPY-03915)
Antigen Species:	Human
Synonyms:	EDF;TRF;IL-5;interleukin 5

### Research Background

Interleukin 5 (IL-5) is a member of the interleukin family with a length of 115 amino acids. Interleukins are a group of cytokines (secreted proteins/signaling molecules) that were first seen to be expressed by white blood cells (leukocytes) and has been found in a wide variety of body cells. Interleukin 5 or IL-5 is produced by T helper-2 cells and mast cells. It helps to stimulate B cell growth and increase immunoglobulin secretion and is considered a key mediator in eosinophil activation. Interleukin 5 (IL-5) has long been associated with several allergic diseases, including allergic rhinitis and asthma. Growth in the number of circulating, airway tissue, and induced sputum eosinophils have been observed in patients with these diseases. IL-5 also had something with the terminally differentiated granulocyte eosinophils. IL-5 was originally found as an eosinophil colony-stimulating factor. It has been proved to be a major regulator of eosinophil accumulation in tissues and can modulate eosinophil behavior at every stage from maturation to survival.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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