

## Product datasheet for **TA319222**

### IL33 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:20,000 - 1:100,000, WB: 1:500 - 1:2,000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human IL-33 protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 33
Database Link:	<a href="#">NP_001186569</a> <a href="#">Entrez Gene 90865 Human</a> <a href="#">O95760</a>
Synonyms:	C9orf26; DVS27; IL1F11; NF-HEV; NFEHEV
Note:	IL-33 (also known as Interleukin-33, Interleukin-1 family member 11, IL-1F11, nuclear factor from high endothelial venules and NF-HEV) is a cytokine that binds to and signals through IL1RL1/ST2 and its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. IL-33 induces T helper type 2-associated cytokines. IL-33 is a secreted cytokine that is expressed at high levels in high endothelial venules found in tonsils, Peyer patches and mesenteric lymph nodes and is almost undetectable in placenta. The 31 kDa precursor is proteolytically converted to an 18 kDa mature form by CASP1. Anti-IL-33 antibody is ideal for investigators involved in Cardiovascular and Immunology research.



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Protein Families: Secreted Protein

Protein Pathways: Cytosolic DNA-sensing pathway

### Product images:



WB using anti-Human IL-33 antibody shows detection of a band ~18 kDa in size corresponding to recombinant human IL-33 (lane 1). The identity of the higher molecular weight band is unknown. Molecular weight markers are also shown (M). After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1:1,000 dilution. Detection occurred using peroxidase conjugated anti-Rabbit IgG (p/n 611-103-122) secondary antibody diluted 1:40,000.