

Product datasheet for **AP26384PU-N**

IL1 Receptor II (IL1R2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	Immunoassays.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Specificity:	The antibody reacts specifically with Human Interleukin (IL-1)RII. Other species not tested.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 1 receptor type 2
Database Link:	Entrez Gene 7850 Human P27930



[View online »](#)

Background:

The IL-1 system includes two agonists (IL-1alpha and IL-1beta), converting enzymes, antagonists, two receptors (IL-1RI and IL-1RII) and the IL-1 receptor accessory protein. The IL-1RII is part of the antagonistic IL-1 mechanism. It is also known as decoy receptor and is a non signalling molecule which functions by capturing IL-1 and preventing it from interacting with the signalling IL-1RI. The decoy IL-1RII can after binding to IL-1 also recruit the IL-1 receptor accessory protein and thus inhibit by coreceptor competition. Further a soluble form of IL-1RII exists which is shed, a process in which matrix metalloproteases have been found to play a role, by various cells including monocytes, polymorphonuclear cells, B cells and fibroblasts.

Synonyms:

Interleukin-1 receptor type II, IL-1R-2, IL-1R-beta, CDw121b, IL1RB