

## Product datasheet for **TA308544**

### IL1 Receptor II (IL1R2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Monkey)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 172 and 398 of IL1 Receptor 2 (Uniprot ID#P27930)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45 kDa
Gene Name:	interleukin 1 receptor type 2
Database Link:	<a href="#">NP_775465</a> <a href="#">Entrez Gene 711638 Monkey</a> <a href="#">Entrez Gene 7850 Human</a> <a href="#">P27930</a>
Background:	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I (IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Two alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]
Synonyms:	CD121b; IL1RB; MGC47725

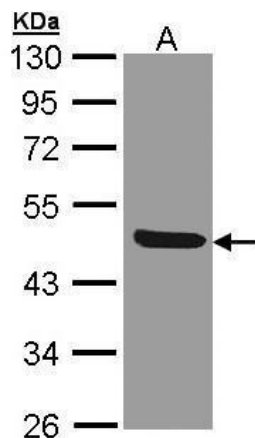


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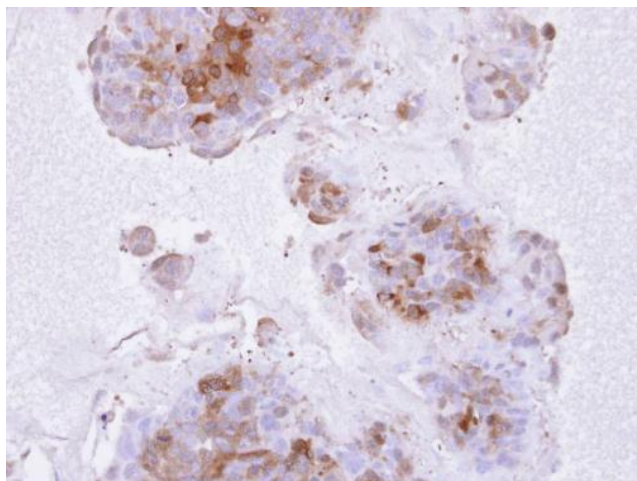
**Note:** Seq homology of immunogen across species: Monkey (94%)

**Protein Families:** Druggable Genome, Transmembrane

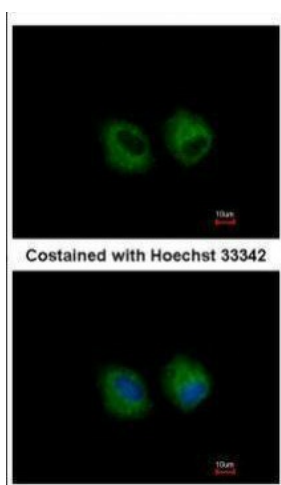
**Protein Pathways:** Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, MAPK signaling pathway

**Product images:**

Sample (30 ug of whole cell lysate). A: 293T. 10% SDS PAGE. TA308544 diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using IL1R2 (TA308544) antibody at 1:100 dilution.



Immunofluorescence analysis of methanol-fixed A549, using IL1 Receptor 2 (TA308544) antibody at 1:500 dilution.