



# Anti-IL1R2 monoclonal antibody, clone 45252 (DCABY-4039)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	View IL-1 RII IHC images.
<b>Specificity</b>	Detects human IL-1 RII in direct ELSAs and Western blots. When used in combination with the biotinylated human IL-1 RII affinity purified polyclonal detection antibody in sandwich ELISAs, no significant cross-reactivity or interference was observed with recombinant human (rh) IL-1ra, rhIL-1 RI, recombinant mouse IL-1ra, or recombinant rat IL-1ra.
<b>Immunogen</b>	S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL-1 RII. Phe14-Glu343 (Ser56Gly and Glu297Gly) Accession Number P27930
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	45252
<b>Purification</b>	Protein A or G purified from ascites
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot, ELISA Capture (Matched Pair), Neutralization
<b>Format</b>	Liquid
<b>Size</b>	500 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<b>Preservative</b>	None



<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month from date of receipt, 2 to 8 °C, reconstituted.
	6 months from date of receipt, -20 to -70 °C, reconstituted.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL1R2 interleukin 1 receptor, type II [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IL1R2
<b>Synonyms</b>	IL1R2; interleukin 1 receptor, type II; IL1RB; CD121b; IL1R2c; CDw121b; IL-1R-2; IL-1RT2; IL-1RT-2; interleukin-1 receptor type 2; IL-1R-beta; antigen CDw121b; IL-1 type II receptor; interleukin-1 receptor beta; interleukin-1 receptor type II; CD121 antig
<b>Entrez Gene ID</b>	<a href="#">7850</a>
<b>Protein Refseq</b>	<a href="#">NP_001248348</a>
<b>UniProt ID</b>	<a href="#">P27930</a>
<b>Chromosome Location</b>	2q12
<b>Pathway</b>	Amoebiasis; Apoptosis Modulation and Signaling; Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; HTLV-I infection; Hematopoietic cell lineage; IL-1 Signaling Pathway; IL1-mediated signaling events;
<b>Function</b>	interleukin-1 receptor activity; interleukin-1, Type II, blocking receptor activity; protein binding;