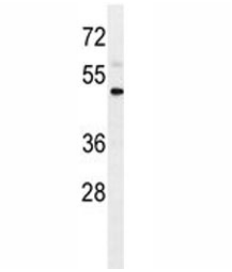
IL1R2 Antibody (F41147)

Catalog No.	Formulation	Size
F41147-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41147-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P27930
Applications	Western Blot : 1:1000
Limitations	This IL1R2 antibody is available for research use only.



IL1R2 antibody western blot analysis in WiDr lysate. Predicted molecular weight ~ 45 kDa.

Description

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.

Application Notes

Titration of the IL1R2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 273-300 from the human protein was used as the immunogen for this IL1R2 antibody.

Storage

Aliquot the IL1R2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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