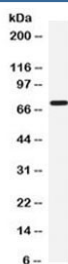


## CD212 Antibody / IL12RB1 (R32618)

Catalog No.	Formulation	Size
R32618	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P42701
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This CD212 antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with CD212 antibody at 0.5ug/ml.  
Predicted molecular weight: ~73/100 kDa (unmodified/glycosylated).

## Description

IL12RB1, mapped to 19p13.11, is also known as CD212. The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukin 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. And this protein forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The coexpression of this and IL12RB2 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. Mutations in this gene impair the development of interleukin-17-producing T lymphocytes and result in increased susceptibility to mycobacterial and Salmonella infections. Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the CD212 antibody should be determined by the researcher.

## Immunogen

Amino acids 624-662 (DKGERTEPLEKTELPEGAPELALDTELSLEDGDRCKAKM-human) were used as the immunogen for the IL12RB1 / CD212 antibody.

## Storage

After reconstitution, the CD212 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.