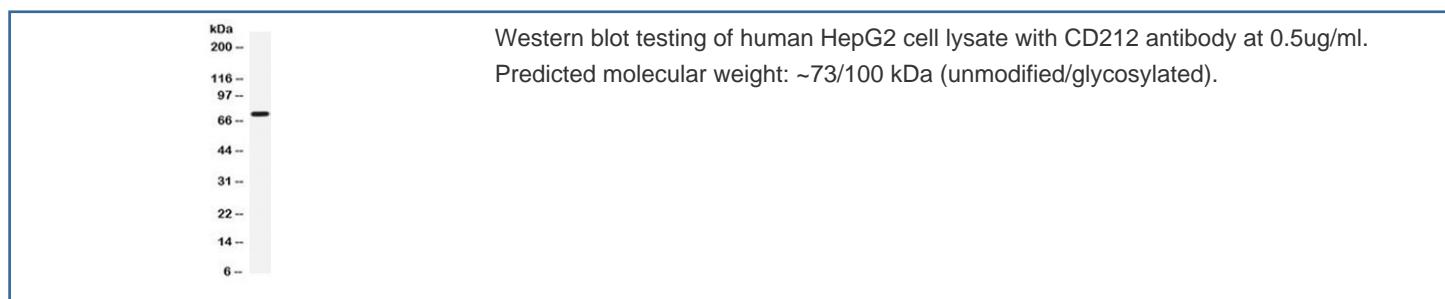


## CD212 Antibody / IL12RB1 (R32618)

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

**Bulk quote request**

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



### 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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.