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# anti-IL12RB1 antibody (AA 119-280)



Image



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## Overview

Quantity:	100 μg
Target:	IL12RB1
Binding Specificity:	AA 119-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL12RB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

# **Product Details**

Immunogen:	Recombinant Human Interleukin-12 receptor subunit beta-1 protein (119-280AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

# Target Details

Target:	IL12RB1
Alternative Name:	IL12RB1 (IL12RB1 Products)
Background:	Background: Functions as an interleukin receptor which binds interleukin-12 with low affinity
	and is involved in IL12 transduction. Associated with IL12RB2 it forms a functional, high affinity

receptor for IL12. Associates also with IL23R to form the interleukin-23 receptor which functions in IL23 signal transduction probably through activation of the Jak-Stat signaling cascade.

Aliases: CD212 antibody, cluster of differentiation 212 antibody, I12R1\_HUMAN antibody, IL-12 receptor beta component antibody, IL-12 receptor subunit beta-1 antibody, IL-12R subunit beta-1 antibody, IL-12R-beta-1 antibody, IL-12RB1 antibody, IL12 receptor beta component antibody, IL12RB antibody, II12rb1 antibody, IMD3 antibody, IMD30 antibody, Interleukin 12 receptor beta 1 chain antibody, Interleukin 12 receptor subunit beta 1 antibody, Interleukin-12 receptor subunit beta-1 antibody, MGC34454 antibody

UniProt: P42701

Pathways: JAK-STAT Signaling, Regulation of Leukocyte Mediated Immunity, Positive Regulation of

Immune Effector Process, Activated T Cell Proliferation

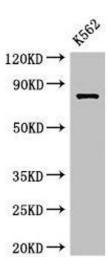
# **Application Details**

Application Notes:	Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

### Handling

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Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



# **Western Blotting**

**Image 1.** Western Blot Positive WB detected in: K562 whole cell lysate All lanes: IL12RB1 antibody at 3.5 μg/mL Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 74, 73, 43 kDa Observed band size: 74 kDa