PRODUCT INFORMATION

Clone ID	1F11
Target	IL12RB1
Synonyms	CD212;IL-12R-BETA1;IL12RB;IMD30
Host Species	Rabbit
Description	Anti-IL12RB1 antibody(1F11), IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P42701
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1/100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. 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. [provided by RefSeq, Feb 2014]
Usage	Research use only
Conjugate	Unconjugated

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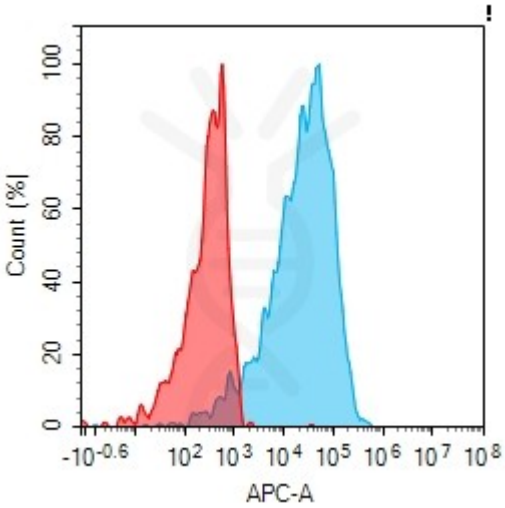

Figure 1. Flow cytometry analysis with 10μg/mL Anti-IL12RB1 (1F11) mAb on HEK293 cells transfected with human IL12RB1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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