

## Anti-p28/IL27 Antibody (Monoclonal, 31I53)

Catalog Number: M00857-2

### About IL27

Interleukin 27 (IL-27) is a member of the IL-12 cytokine family. The protein encoded by this gene is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4(+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4(+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR).

### Overview

Product Name	Anti-p28/IL27 Antibody (Monoclonal, 31I53)
Reactive Species	Mouse
Description	Boster Bio Anti-p28/IL27 Antibody (Monoclonal, 31I53) catalog # M00857-2. Tested in WB applications. This antibody reacts with Mouse.
Application	WB
Clonality	Monoclonal 31I53
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8K3I6

### Technical Details

Immunogen	Recombinant protein within mouse IL-27A p28 aa 3-232.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

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Anti-p28/IL27 Antibody (Monoclonal, 31153)

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