

Anti-human IL-12p40 Polyclonal Antibody

CATALOG #:	5732-100
AMOUNT:	100 µg
LOT #:	_____
IMMUNOGEN:	<i>E. coli</i> expressed recombinant human IL-12 (Internal ID# BV- E25G)
HOST:	Rabbit
SPECIES REACTIVITY:	Human

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-human IL-12 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

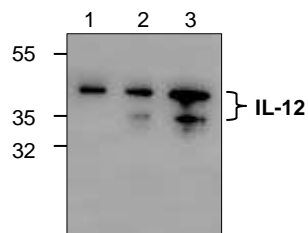
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Interleukin-12 is a disulfide-linked heterodimeric protein (p70), composed of two subunits, p35 and p40, which are encoded by two different genes. Recombinant Human IL-12 p40 produced in *E. coli* is a single, non-glycosylated polypeptide chain containing 306 amino acids fragment (23-328).

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). It detects mainly the 40 kDa of IL-12p40 isoform, and in a lesser extent the 35 kDa of IL-12p35 isoform. Recombinant human IL-12 (Cat.#:4732-10) can be used as a positive control. However, the optimal conditions should be determined individually.



Cat. #: 5732-100
Western blot analysis of IL-12
using recombinant human IL-12.
Lane 1: 50 ng
Lane 2: 250 ng
Lane 3: 1 µg

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- Bioluminescence Cytotoxicity Assay Kit
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