

# IL-12B Recombinant Monoclonal Antibody [BLR322M]

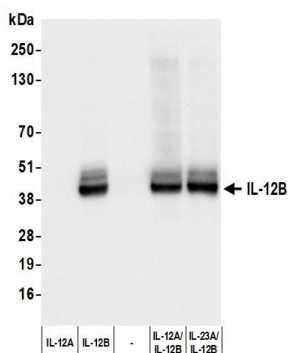
Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_002178.2
Catalog No.	A700-322-T	Uniprot ID	P29460
Lot No.	1	GeneID	3593

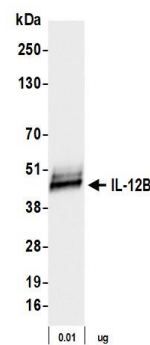
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<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	20 µl (2 blots)
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BLR322M
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Recombinant antibody was purified from cell culture supernatant.  Immunogen was a recombinant protein representing human IL-12B (residues 23-328, NP_002178.2).
<b>APPLICATIONS</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.  Western Blot                      1:1,000 Immunoprecipitation          6 µl/mg lysate
<b>APPLICATION NOTES</b>	All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.  Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).  Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer.
<b>ADDITIONAL INFO</b>	<a href="https://www.fortislife.com/p/A700-322-T">https://www.fortislife.com/p/A700-322-T</a> Use the link above to view SDS, a current list of citations, and other product specific information.

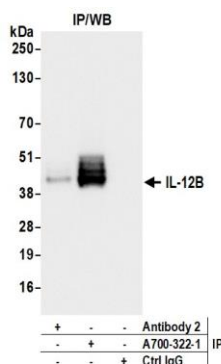
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: May 29, 2024



**Detection of human IL-12B by western blot.** *Samples:* Whole cell lysate (50 µg) from 293F cells untransfected (-) or overexpressing IL-12A, IL-12B, IL-12A and IL-12B, or IL-23A and IL-12B. *Antibody:* Rabbit anti-IL-12B recombinant monoclonal antibody [BLR322M] (A700-322 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 1 second.



**Detection of human IL-12B by western blot.** *Samples:* Human recombinant IL-12B protein (0.01 µg). *Antibody:* Rabbit anti-IL-12B recombinant monoclonal antibody [BLR322M] (A700-322 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 1 second.



**Detection of human IL-12B by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293F cells overexpressing IL12B. *Antibodies:* Rabbit anti-IL-12B recombinant monoclonal antibody [BLR322M] (A700-322 lot 1) used for IP at 6 µl per reaction. IL-12B was also immunoprecipitated by a second antibody against a different epitope of IL-12B (Antibody 2). For blotting immunoprecipitated IL-12B, A700-322 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 1 second.