

IL-4 Recombinant Monoclonal Antibody [BLR298L]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_000580.1
Catalog No.	A700-298	Uniprot ID	P05112
Lot No.	1	GenelD	3565

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl (10 blots)
CONCENTRATION	100 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR298L
ORIGIN	USA

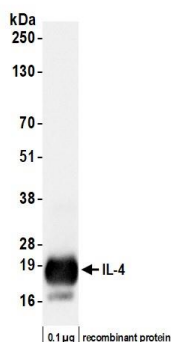
PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.
Immunogen was a recombinant protein representing human IL4 (residues 25-153, NP_000580.1).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

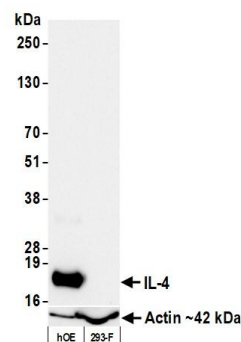
Western Blot	1:1,000
Immunoprecipitation	20 µl/1 mg lysate

ADDITIONAL INFO <https://www.fortislife.com/p/A700-298>
Use the link above to view SDS, a current list of citations, and other product specific information.

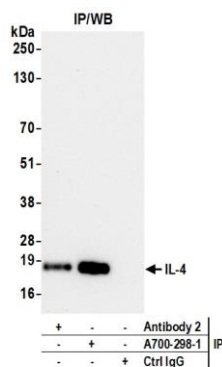
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: September 27, 2023



Detection of human IL-4 by western blot. *Samples:* Human recombinant IL-4 (0.1 µg) protein. *Antibody:* Rabbit anti-IL-4 recombinant monoclonal antibody [BLR298L] (A700-298 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-4 by western blot. *Samples:* Whole cell lysate (10 µg) from 293-F untransfected and IL-4 overexpressing (hOE) cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-IL-4 recombinant monoclonal antibody [BLR298L] (A700-298 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human IL-4 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (500 µg per IP; 5% of IP loaded) from 293F cells overexpressing human IL-4. *Antibodies:* Rabbit anti-IL-4 recombinant monoclonal antibody [BLR298L] (A700-298 lot 1) used for IP at 20 µl/mg lysate. IL-4 was also immunoprecipitated by a second antibody against a different epitope of IL-4 (Antibody 2). For blotting immunoprecipitated IL-4, A700-298 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.