

CD48 Recombinant Monoclonal Antibody [BLR286L]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_001769.2
Catalog No.	A700-286	Uniprot ID	P09326
Lot No.	1	GenID	962

APPLICATIONS	WB, IP, Flow Cyt
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 #	BLR286L
ORIGIN	USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

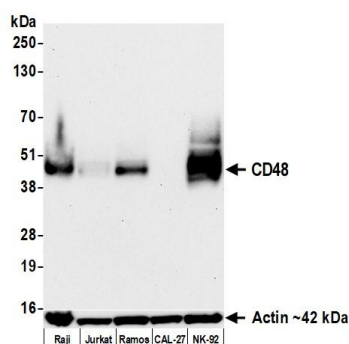
Immunogen was a recombinant protein representing the extracellular domain of human CD48 (residues 29–220, NP_001769.2).

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

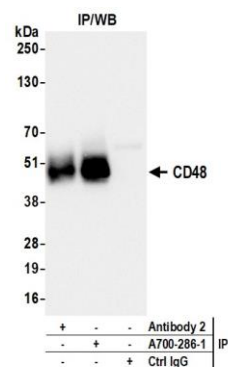
Western Blot	1:1,000
Immunoprecipitation	20 µl/1 mg lysate
Flow Cytometry	Live or cells fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 × 10 ⁶ cells.

ADDITIONAL INFO <https://www.fortislife.com/p/A700-286>
Use the link above to view SDS, a current list of citations, and other product specific information.

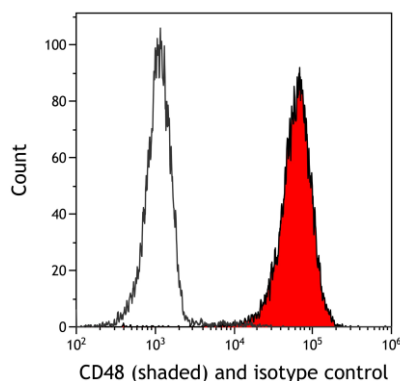
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: September 27, 2023



Detection of human CD48 by western blot. Samples: Whole cell lysate (10 μ g) from Raji, Jurkat, Ramos, CAL-27, and NK-92 cells prepared using NETN lysis buffer. **Antibody:** Rabbit anti-CD48 recombinant monoclonal antibody [BLR286L] (A700-286 lot 1) used at 1:1000. **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-101P). **Detection:** Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human CD48 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Ramos cells prepared using NETN lysis buffer. **Antibodies:** Rabbit anti-CD48 recombinant monoclonal antibody [BLR286L] (A700-286 lot 1) used for IP at 20 μ l/mg lysate. CD48 was also immunoprecipitated by a second antibody against a different epitope of CD48 (Antibody 2). For blotting immunoprecipitated CD48, A700-286 was used at 1:1000. **Detection:** Chemiluminescence with an exposure time of 10 seconds.



Detection of human CD48 (shaded) in NK-92 cells by flow cytometry. Antibody: Rabbit anti-CD48 recombinant monoclonal antibody [BLR286L] (A700-286) or isotype control (unshaded). **Secondary:** DyLight[®] 650-conjugated goat anti-rabbit IgG (A120-101D5).