

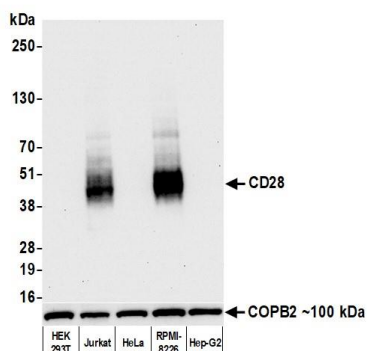
CD28 Recombinant Monoclonal Antibody [BLR200J]

Rabbit Recombinant Monoclonal

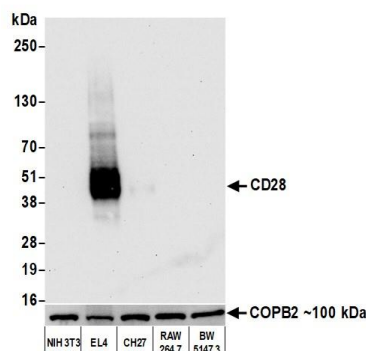
Purified		Protein ID	NP_006130.1
Catalog No.	A700-200	GeneID	940
Lot No.	A700-200-1		

APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl (50+ tests)
CONCENTRATION	1000 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 0.09% Sodium Azide, BSA Free
ISOTYPE	IgG
CLONE #	BLR200J
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 170 and the C-terminus (residue 220) of human T-cell-specific surface glycoprotein CD28 using the numbering given in entry NP_006130.1 (Gene ID 940).
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 6 µl/1 mg lysate Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
IHC HUMAN CONTROLS	Metastatic Lymph Node, Tonsil, CCRF-CEM cells, Jurkat Cells, MOLT-4 Cells, RPMI-8226 Cells
IHC MOUSE CONTROLS	Bone Marrow, Gut, 7OZ/3 Cells, EL-4 cells
ADDITIONAL INFO	https://www.bethyl.com/product/A700-200 Use the link above to view SDS, a current list of citations, and other product specific information.

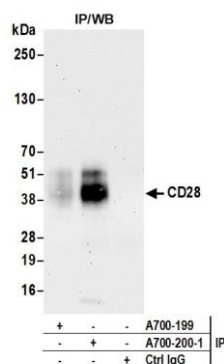
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: December 14, 2021



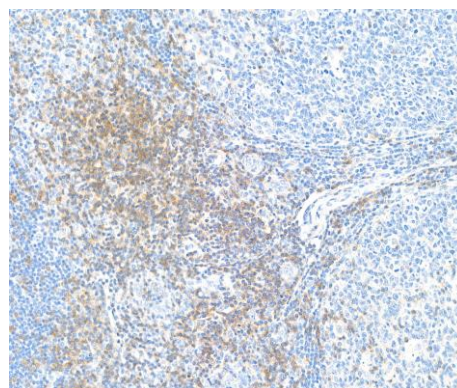
Detection of human CD28 by western blot. *Samples:* Whole cell lysate (10 µg) from HEK293T, Jurkat, HeLa, RPMI-8226, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD28 recombinant monoclonal antibody [BLR200J] (A700-200 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



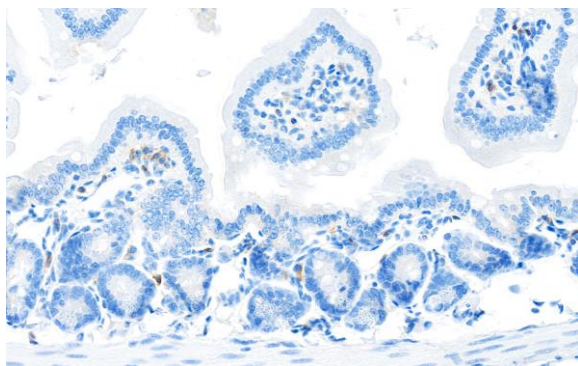
Detection of mouse CD28 by western blot. *Samples:* Whole cell lysate (10 µg) from NIH 3T3, EL4, CH27, RAW 264.7, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD28 recombinant monoclonal antibody [BLR199J] (A700-199 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



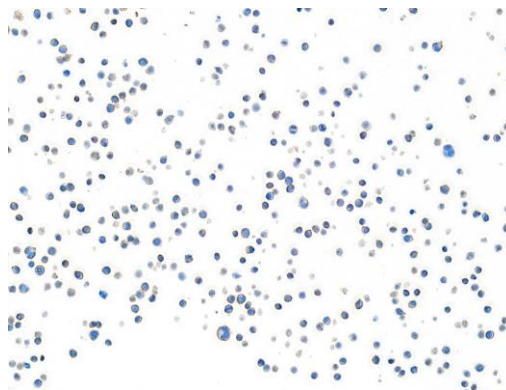
Detection of human CD28 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CD28 recombinant monoclonal antibody [BLR200J] (A700-200 lot 1) used for IP at 6 µl/mg lysate. CD28 was also immunoprecipitated by a second antibody against a different epitope of CD28 (A700-199). For blotting immunoprecipitated CD28, A700-200 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.



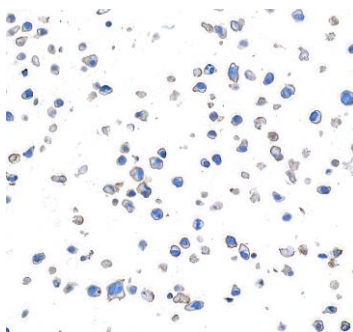
Detection of human CD28 by immunohistochemistry. *Sample:* FFPE section of tonsil. *Antibody:* Rabbit anti-CD28 recombinant monoclonal antibody [BLR200J] (A700-200 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).

**Detection of mouse CD28 by immunohistochemistry.**

Sample: FFPE section of mouse gut. *Antibody:* Rabbit anti-CD28 recombinant monoclonal antibody [BLR200J] (A700-200 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).

**Detection of human CD28 by immunocytochemistry.**

Sample: FFPE section of Jurkat cells. *Antibody:* Rabbit anti-CD28 recombinant monoclonal antibody [BLR200J] (A700-200 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse CD28 by immunocytochemistry. *Sample:* FFPE section of EL4 cells. *Antibody:* Rabbit anti-CD28 recombinant monoclonal antibody [BLR200J] (A700-200 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).