

CD27 Recombinant Monoclonal Antibody [BLR083G]

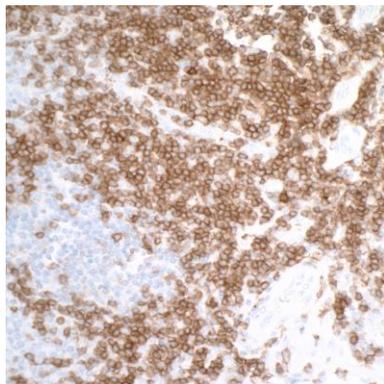
Rabbit Recombinant Monoclonal

Purified Protein ID NP_001233.1
Catalog No. A700-083-T GeneID 939
Lot No. A700-083-T-1

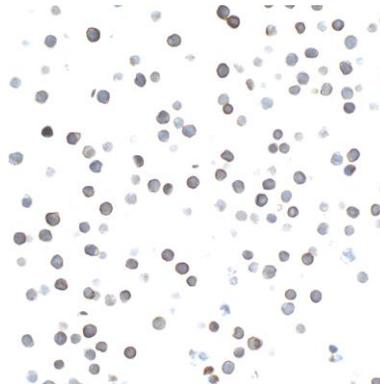


APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Human
AMOUNT	10 µl (5+ tests)
CONCENTRATION	500 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR083G
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a recombinant protein representing the extracellular domain of human CD27 (residues 21–187, NP_001233.1).
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 1:1000 Immunoprecipitation 20 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	Colon Carcinoma, Lymph Node, Prostate Carcinoma, Spleen, Tonsil, Daudi Cells, Ramos Cells
ADDITIONAL INFO	https://www.bethyl.com/product/A700-083-T Use the link above to view SDS, a current list of citations, and other product specific information.

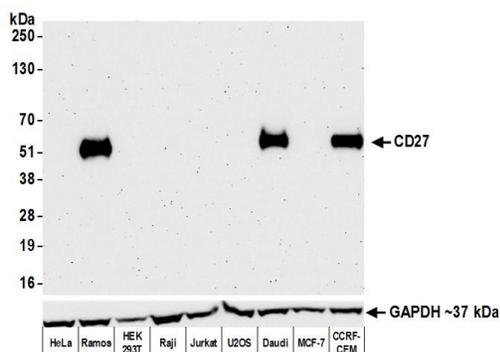
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: August 6, 2019



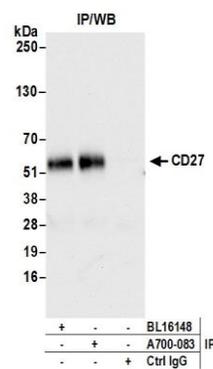
Detection of human CD27 in FFPE tonsil by IHC. *Antibody:* Rabbit anti-CD27 recombinant monoclonal antibody [BLR083G] (A700-083-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human CD27 in FFPE Ramos cells by ICC. *Antibody:* Rabbit anti-CD27 recombinant monoclonal antibody [BLR083G] (A700-083-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human CD27 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, Ramos, HEK293T, Raji, Jurkat, K-562, U2OS, Daudi, MCF-7, and CCRF-CEM cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD27 recombinant monoclonal antibody [BLR083G] (A700-083-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-GAPDH (A300-639A).



Detection of human CD27 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-CD27 recombinant monoclonal antibody [BLR083G] (A700-083-T lot 1) used for IP at 20 µl/mg lysate. CD27 was also immunoprecipitated by rabbit anti-CD27 antibody BL16148. For blotting immunoprecipitated CD27, A700-083-T was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.