

CD86 Recombinant Monoclonal Antibody [BLR029F]

Rabbit Recombinant Monoclonal

Purified Protein ID NP_787058.4
Catalog No. A700-029 GeneID 942
Lot No. A700-029-1



APPLICATIONS WB, IP, ICC
SPECIES REACTIVITY Human
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 # BLR029F
ORIGIN USA
PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

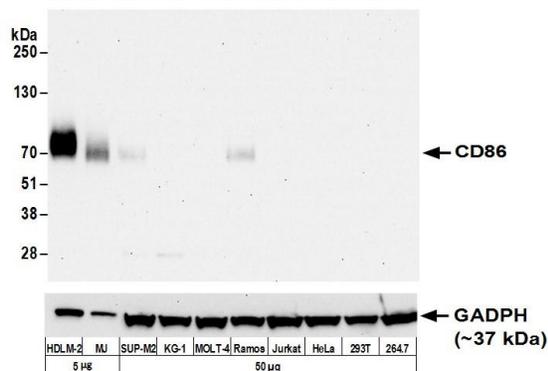
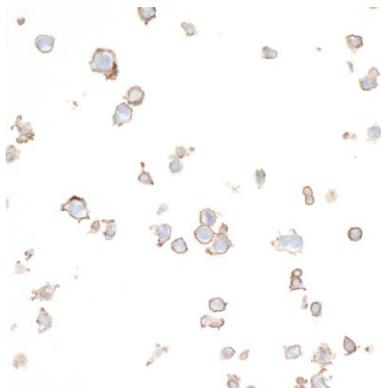
Immunogen was a recombinant protein representing the extracellular domain of human CD86 (residues 31–245, NP_787058.4).

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 6 µl/0.5 mg lysate
Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

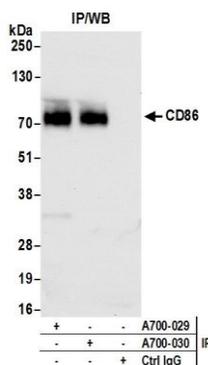
ADDITIONAL INFO <https://www.bethyl.com/product/A700-029>
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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: January 24, 2020



Detection of human CD86 by immunocytochemistry.
Sample: FFPE section of HDLM-2 cells. *Antibody:* Rabbit anti-CD86 recombinant monoclonal antibody [BLR029F] (A700-029 lot 1) used at 1:200. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

Detection of human CD86 by western blot. *Samples:* Whole cell lysate (5 and 50 µg) from HDLM-2, MJ, SUP-M2, KG-1, MOLT-4, Ramos, Jurkat, HeLa, HEK293T, and RAW 264.7 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD86 recombinant monoclonal antibody [BLR029F] (A700-029 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-GAPDH (A300-639A).



Detection of human CD86 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 mg per IP reaction; 20% of IP loaded) from HDLM-2 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CD86 recombinant monoclonal antibody [BLR029F] (A700-029 lot 1) used for IP at 6 µl per reaction. CD86 was also immunoprecipitated by rabbit anti-CD86 recombinant monoclonal antibody [BLR030F] (A700-030). For blotting immunoprecipitated CD86, A700-029 was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.