

CD137 Recombinant Monoclonal Antibody [BLR051F]

Rabbit Recombinant Monoclonal

Purified Protein ID NP_001552.2
Catalog No. A700-051 GeneID 3604
Lot No. A700-051-3



APPLICATIONS WB, IP, IHC, 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 # BLR051F
ORIGIN USA
PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a recombinant protein representing the extracellular domain of human CD137 (residues 24–189, NP_001552.2).

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

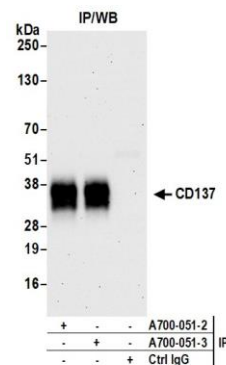
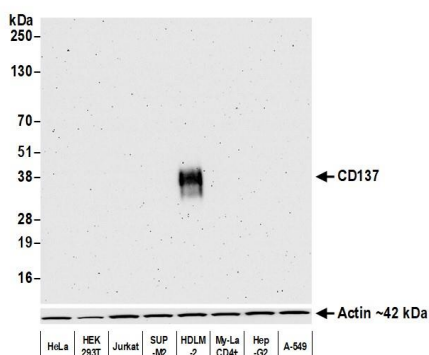
Western Blot 1:1000
Immunoprecipitation 20 µl/1 mg lysate
Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

IHC HUMAN CONTROLS Tonsil, HDLM-2 Cells

ADDITIONAL INFO <https://www.bethyl.com/product/A700-051>

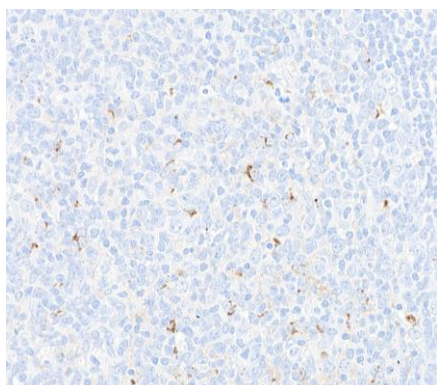
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: October 27, 2020

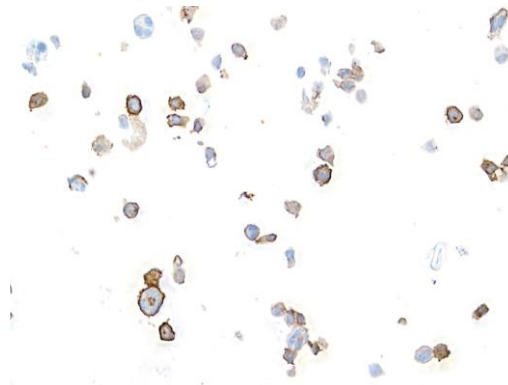


Detection of human CD137 by western blot. Samples: Whole cell lysate (10 µg) from HeLa, HEK293T, Jurkat, SUP-M2, HDLM-2, My-La CD4+, Hep-G2, and A-549 cells prepared using NETN lysis buffer. **Antibody:** Rabbit anti-CD137 recombinant monoclonal antibody [BLR051F] (A700-051 lot 3) used at 1:1000. **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 minutes.

Detection of human CD137 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HDLM-2 cells prepared using NETN lysis buffer. **Antibodies:** Rabbit anti-CD137 recombinant monoclonal antibody [BLR051F] (A700-051 lot 3) used for IP at 20 µl/mg lysate. CD137 was also immunoprecipitated by a previous lot of this antibody (lot A700-051-2). For blotting immunoprecipitated CD137, A700-051 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.



Detection of human CD137 in FFPE tonsil by IHC. Antibody: Rabbit anti-CD137 recombinant monoclonal antibody [BLR051F] (A700-051 Lot 3). **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-501P). **Substrate:** DAB.



Detection of human CD137 in FFPE HDLM-2 by ICC. Antibody: Rabbit anti-CD137 recombinant monoclonal antibody [BLR051F] (A700-051 Lot 3). **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-501P). **Substrate:** DAB.