

CD127/IL-7R alpha Monoclonal Antibody [BLR177J]

Rabbit Recombinant Monoclonal

Purified Protein ID P16871
Catalog No. A700-177 GeneID 3575
Lot No. A700-177-1



APPLICATIONS WB, IP, IHC
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 # BLR177J
ORIGIN USA
PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a recombinant protein representing the extracellular domain of human Interleukin-7 receptor subunit alpha (residues 21–236, NP_002176.2).

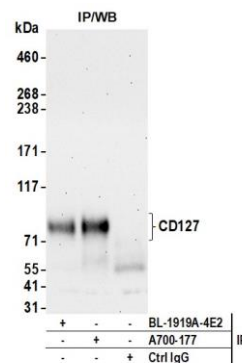
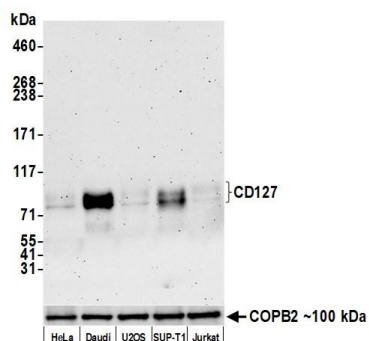
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1000
Immunoprecipitation 6 µl/1 mg lysate
Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS Hodgkins Lymphoma, Metastatic Lymph Node, Spleen, Tonsil

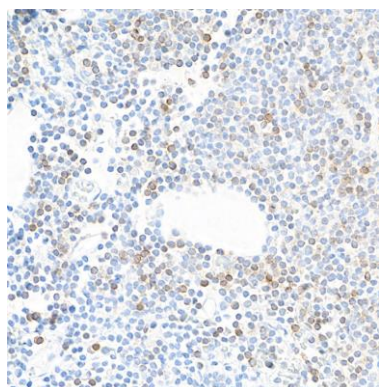
ADDITIONAL INFO <https://www.bethyl.com/product/A700-177>
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: June 30, 2021

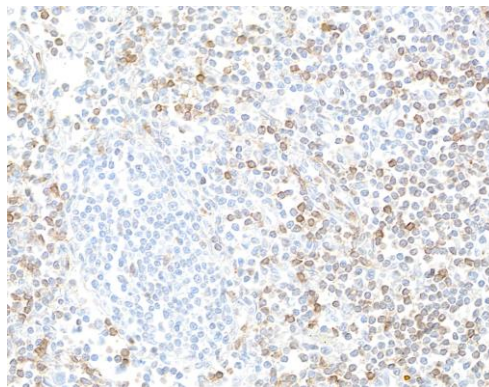


Detection of human CD127/IL-7R alpha by western blot.
Samples: Whole cell lysate (25 µg) from HeLa, Daudi, U2OS, SUP-T1, and Jurkat cells prepared using NETN lysis buffer.
Antibody: Rabbit anti-CD127 recombinant monoclonal antibody [BLR177J] (A700-177 lot 1) used at 1:1000.
Secondary: HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).

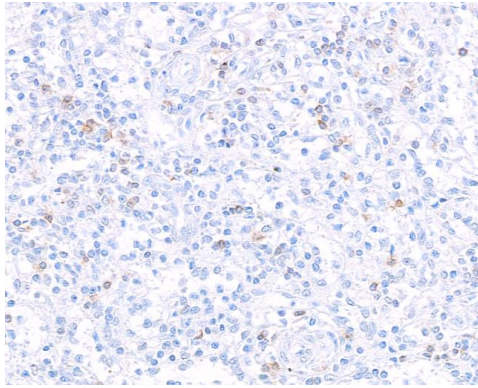
Detection of human CD127/IL-7R alpha by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 mg per IP reaction; 20% of IP loaded) from Daudi cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CD127 recombinant monoclonal antibody [BLR177J] (A700-177 lot 1) used for IP at 6 µl per reaction. CD127 was also immunoprecipitated by a second antibody against a different epitope of CD127 (BL-1919A-4E2). For blotting immunoprecipitated CD127, A700-177 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.



Detection of human CD127/IL-7R alpha in Hodgkin lymphoma by IHC. *Antibody:* Rabbit anti-CD127/IL-7R alpha recombinant monoclonal antibody [BLR177J] (A700-177). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human CD127/IL-7R alpha in metastatic lymph node by IHC. *Antibody:* Rabbit anti-CD127/IL-7R alpha recombinant monoclonal antibody [BLR177J] (A700-177). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

**Detection of human CD127/IL-7R alpha in spleen by IHC.**

Antibody: Rabbit anti-CD127/IL-7R alpha recombinant monoclonal antibody [BLR177J] (A700-177). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.