# CD4 Recombinant Monoclonal Antibody [BL-155-1C11]

Rabbit Recombinant Monoclonal

| | | | |
|---|---|---|---|
| Purified | | RefSeq ID | NP_000607.1 |
| Catalog No. | A700-015 | Uniprot ID | P01730 |
| Lot No. | 3 | GeneID | 920 |

| | |
|---|---|
| **APPLICATIONS** | WB, IP, IHC, Flow Cyt, mIF |
| **SPECIES REACTIVITY** | Human |
| **AMOUNT** | 100 µl |
| **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 #** | BL-155-1C11 |
| **ORIGIN** | USA |
| **PRODUCTION PROCEDURES** | Recombinant antibody was purified from cell culture supernatant.<br><br>Immunogen was a recombinant protein representing the extracellular domain of human CD4 (residues 26-397, NP_000607.1). |
| **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 | 6 µl/mg lysate |
| Immunohistochemistry | 1:100 - 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections. |
| Flow Cytometry | Live or cells fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10^6 cells. |
| Multiplex Immunofluorescence | 1:250 |

| | |
|---|---|
| **APPLICATION NOTES** | All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.<br><br>Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).<br><br>Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer. |
| **IHC HUMAN CONTROLS** | Appendix, Spleen, Tonsil |
| **ADDITIONAL INFO** | Please visit our website for additional product information. |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD
Date: November 14, 2024



For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.