

Datasheet for ABIN7455077

**Recombinant anti-CD4 antibody (AA 26-397)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	CD4
Binding Specificity:	AA 26-397
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)), Multiplex Immunofluorescence (mIF)

## Product Details

Purpose:	Rabbit anti-CD4 Recombinant Monoclonal Antibody [BL-155-1C11]
Immunogen:	residues 26-397 (ECD)
Clone:	BL-155-1C11
Isotype:	IgG

## Target Details

Target:	CD4
Alternative Name:	CD4 ( <a href="#">CD4 Products</a> )

## Target Details

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**Background:** Background: CD4 is a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. CD4 is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system [taken from NCBI Entrez Gene (Gene ID: 920)].

**Gene ID:** 920

**NCBI Accession:** [NP\\_000607](#)

**UniProt:** [P01730](#)

**Pathways:** [TCR Signaling](#), [Maintenance of Protein Location](#), [CXCR4-mediated Signaling Events](#)

## Application Details

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**Application Notes:** IHC: 1:100 - 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

IP: 20 µL/mg lysate

WB: 17:40:00

**Restrictions:** For Research Use only

## Handling

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**Concentration:** 1000 µg/mL

**Buffer:** Borate Buffered Saline (BBS) pH 8.2 with 0.09 % Sodium Azide, BSA-Free

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C

**Expiry Date:** 12 months