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
Conjugate:	This CD4 antibody is un-conjugated
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

Target Details

Alternative Name:	CD4 (CD4 Products)
Background:	Background: CD4 is a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigenes 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

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

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