

Phospho-CD4 (S433) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-PHS01138
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD4 around the phosphorylation site of Ser433. AA range:401-450
Mol wt	51111
Species reactivity	Human, mouse
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Phospho-CD4 (S433) Antibody
Synonyms	CD4; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; CD antigen CD4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CD4 (CD4 molecule) encodes 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. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in CD4.

Recommended Dilution

IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 40000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year