

Product Datasheet

CD7 Antibody (orb1906386)

Description

CD7 Antibody

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

FC

Applications
Target

CD7

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

The binding affinity of the scFv version of this antibody was determined using surface plasmon resonance. The affinity of the scFv antibody for human CD7 was found to be 1.8 nM. This the scFv version of this antibody was also used in the generation of single-chain Fv (scFv) immunotoxins specific for the T cell-associated antigen CD7 as a novel therapeutic agent for treatment of human T cell malignancies (PMID: 9120282). This antibody was also used in the generation of a therapeutic fusion protein scFvCD7:sTRAIL, designed to induce target antigen-restricted apoptosis in human T-cell tumors. The binding of the fusion protein to CD7 was tested with flow cytometry (PMID: 15833872).

Isotype

IgG

Clonality

Monoclonal

Uniprot ID
P09564
Expiration Date

12 months from date of receipt.