

Product Datasheet

CD30 antibody (orb348857)

Description

Mouse monoclonal antibody to CD30

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

ELISA, FC, IF, IHC

Applications
Immunogen

Human CD30.

Target

CD30

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 antibody binds specifically to CD30, a cell membrane protein which belongs to the tumour necrosis factor receptor family. Incubation of CD30 positive L540 cells with Ki-4 antibody completely inhibits release of soluble CD30 (in contrast to Ki-3, Ab00474). CD30 is expressed on activated lymphocytes, and binding by its ligands TRAF2 and TRAF5 results in the activation of NF-kappaB, thereby regulating gene expression. CD30 is also associated with Hodgkin Lymphoma, and its expression acts as a tumour marker. Targeting the CD30 antigen with specific monoclonal antibodies is a possible therapy for Hodgkin's lymphoma.

Isotype

IgG1

Clonality

Monoclonal

Purity

Purified

Uniprot ID
P28908
Expiration Date

12 months from date of receipt.