

Product Datasheet

CD25 antibody (orb758826)

Description

Rat monoclonal antibody to CD25

Species/Host

Rat

Reactivity

Mouse

Conjugation

Unconjugated

Tested

ELISA, FA, FC, IF, WB

Applications
Immunogen

This antibody was raised by immunising rats with the B6.1 mouse cytotoxic T cell line, followed by fusing spleen cells with P3X63Ag8.653 myeloma cells.

Target

CD25

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

This antibody has been used in numerous FACS analyses, for instance, to demonstrate that glycolysis and glutaminolysis cooperatively control T cell function by limiting metabolite supply to N-glycosylation (Araujo et al, 2017), to suggest that IL-2C could be a potential therapeutic method to alleviate excessive inflammation and maintain blood vessel stability after traumatic brain injury (Gao et al, 2017), and to evaluate how alternative splicing of MALT1 controls signalling and activation of CD4(+) T cells (Meininger et al, 2016). This antibody has also been used in immunofluorescence as part of the DNA Aβ42 immunization studies in mice (Lambracht-Washington et al, 2015), in ELISA assays to investigate the dynamics of T cell receptor (TCR)-dependent signaling networks (Brockmeyer et al, 2011), and in Western Blot to determine the effects of increased p300 expression on glucocorticoid receptor (GR)-T-cell-receptor (TCR) crosstalk between thymocytes (Yu et al, 2002). In addition, this antibody has been used in various in vivo functional studies, for instance, to suggest that a combination of local anti-CTLA-4 antibody production with systemic Treg depletion could enhance antitumor immune responses (Tuve et

Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom

Email: info@biorbyt.com | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.

68 TW Alexander Drive
Research Triangle Park
Durham, North Carolina
27709. United States

Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558