
Product Datasheet

IL-6R antibody (orb758842)

Description

Rat monoclonal antibody to IL-6R

Species/Host

Rat

Reactivity

Mouse

Conjugation

Unconjugated

Tested Applications

Blocking, FC

Immunogen

This antibody was raised by immunising Lewis rats with OKT4 cells.

Target

IL-6R

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 binds to IL-6R-positive cells, and blocks IL-6 binding (Vink et al, 1990; Coulie et al, 1990). This antibody is able to inhibit the growth of IL6-dependent plasmacytoma T1033C2 in vitro (Coulie et al, 1990). Administration of this antibody to mice prior to challenge with T1033C2 resulted in a protection rate of 60% and prolonged survival in tumour-bearing mice (Vink et al, 1990). This antibody has been used in flow cytometry to assess IL-6Ra expression (Hoge et al, 2013). When added to dendritic cells subject to CD40 activation in vitro, this antibody neutralises IL-6 and ablates the effect of CD40 activation (Grohmann et al, 2001).

Isotype

IgG2b

Clonality

Monoclonal

Purity

Purified

Uniprot ID**P22272****Expiration Date**

12 months from date of receipt.