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## Product Datasheet

### IL-6R antibody (orb758841)

**Description**

Rabbit 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**

IgG

**Clonality**

Monoclonal

**Purity**

Purified

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

12 months from date of receipt.