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## Product Datasheet

### IL-27/P28 antibody (orb345244)

**Description**

IL-27/P28 antibody

**Species/Host**

Rat

**Reactivity**

Mouse

**Conjugation**

Unconjugated

**Tested Applications**

ELISA, FC, Multiplex Assay, WB

**Applications**
**Immunogen**

This Protein A purified monoclonal antibody was produced in rats by repeated immunizations with mature length recombinant mouse p28 protein (produced in E.coli) followed by hybridoma development.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.0 mg/mL

**Storage**

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

**Note**

For research use only

**Application notes**

IL-27 is expressed in activated antigen presenting cells including monocytes, endothelial cells, and dendritic cells, for example mouse CD4 splenocytes. This purified antibody has been tested for use in Flow Cytometry, ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 26,411 Da in size corresponding to the mature mouse p28 protein, a non-glycosylated polypeptide chain consisting of amino acids, by western blotting in appropriate cell lysate or extract.

**Isotype**

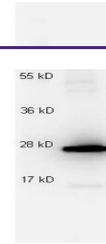
IgG2a

**Clonality**

Monoclonal

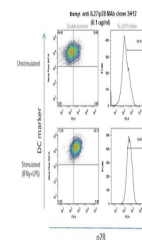
**Purity**

Anti-IL-27 / p28 antibody is purified by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. This antibody is specific for mouse. Cross-reactivity with IL-27 from other sources has not been determined.



Anti-IL-27/p28 antibody in western blot

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Mouse peritoneal macrophages were grown

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