
Product Datasheet

IL-27/P28 antibody (orb345243)

Description

IL-27/P28 antibody

Species/Host

Rat

Reactivity

Mouse

Conjugation

Unconjugated

Tested

ELISA, FC, Multiplex Assay, WB

Applications
Immunogen

Anti-IL-27/p28 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. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

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 KDa 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

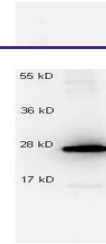
IgG2a

Clonality

Monoclonal

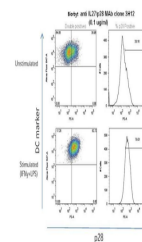
Purity

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 and rat p28 protein. Cross-reactivity with IL-27 from other sources has not been determined.

Uniprot ID
[Q8K3I6](#)
NCBI
[NP_663611.1](#)


Anti-IL-27/p28 antibody in western blot

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Mouse peritoneal macrophages were grown

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