

Product Datasheet

IL-27/p28 Antibody (orb345224)

Catalog Number	orb345224
Description	IL-27/p28 antibody
Species/Host	Rabbit
Reactivity	Mouse
Conjugation	Unconjugated
Tested Applications	ELISA, WB
Immunogen	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant mouse IL27/p28 protein.
Preservatives	None
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Storage	Store anti-IL27 antibody at 4° C prior to restoration. For extended storage aliquot contents and freeze 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 western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 23.6 kDa in size corresponding to the mature mouse IL-27/p28 protein by western blotting in appropriate cell lysate or extract.
Isotype	IgG

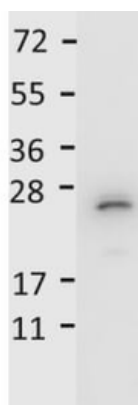
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Clonality	Polyclonal
Antibody Type	Primary Antibody
Purity	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. This antibody is specific for mouse IL-27/p28 protein. A BLAST analysis was used to suggest cross-reactivity with IL-27A/p28 from mouse sources based on 100% homology with the immunizing sequence. Based on 90% or greater positive homology, there is a chance of cross-reactivity to rat. Cross-reactivity with IL-27 from other sources has not been determined.
Uniprot ID	Q8K3I6
NCBI	NP_663611
Dilution Range	ELISA: 1:1,000 - 1:5,000, WB: 1:500 - 1:2,000
Expiration Date	12 months from date of receipt.



Detection of recombinant IL27/p28 protein by Biorbyt's anti-Mouse IL-27/p28 antibody. Recombinant mouse IL27/p28 was loaded on to an SDS-PAGE gel at 0.25 µg and after separation, transferred to nitrocellulose. The membrane was blocked with 1% BSA in TBST for 30 min at RT, followed by incubation with primary antibody diluted 1:1000 in 1% BSA in TBST overnight at 4°C. After washes, the blot was reacted with secondary antibody HRP Goat anti-Rabbit IgG antibody diluted 1:40000 in blocking buffer (p/n orb348637) for 30 min at RT.

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