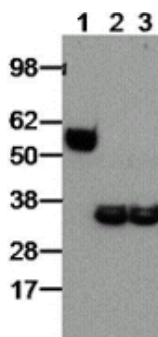


Anti-Mouse EBI3 (IL-27 subunit) Purified

Catalog Number: 14-7273

Also Known As: EBI-3, Interleukin-27 subunit

RUO: For Research Use Only



Mouse IL-27 Recombinant Protein (cat. 14-8271) (lane 1) and mouse bone marrow-derived dendritic cells stimulated with LPS (lane 2) or left untreated (lane 3) were analyzed by SDS-PAGE followed by immunoblotting with 5 µg/ml of Anti-Mouse EBI3 (IL-27 subunit) Purified. Bands were visualized with Anti-Rat IgG HRP (cat. 18-4818).

Product Information

Contents: Anti-Mouse EBI3 (IL-27 subunit) Purified


REF Catalog Number: 14-7273

Clone: DNT27

Concentration: 0.5 mg/ml


Host/Isotype: Rat IgG2a, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 Temperature Limitation: Store at 2-8°C.

LOT Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The monoclonal antibody DNT27 reacts with mouse Epstein-Barr Virus-induced gene 3 (EBI3). EBI3 is a 34 kDa soluble protein first identified in B cells that is upregulated after Epstein-Barr virus infection. EBI3 can exist as a homodimer and also heterodimerizes with IL-27α (p28, IL-30) to form the cytokine IL-27. IL-27 is produced most abundantly by dendritic cells and macrophages with some recent reports of expression in NKT cells. Recently, a complex of EBI3 and the p35 subunit of IL-12, called IL-35, has been reported to be produced by regulatory T cells.

Applications Reported

This DNT27 antibody has been reported for use in immunoblotting (WB).

Applications Tested

This DNT27 antibody has been tested by western blot of cell lysates prepared from mouse EBI3-transfected 293T cells and bone marrow-derived dendritic cells. This can be used at less than or equal to 1-5 µg/ml. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products

14-4321 Rat IgG2a K Isotype Control Purified
14-8271 Mouse IL-27 Recombinant Protein

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