

Anti-IL12A Mouse Monoclonal Antibody [Clone ID: OT12A8]

Catalog Number: M00918

About IL12A

Interleukin (IL)-12 is a 70-KDa cytokine comprised of two disulfide-linked proteins (p35 and p40) and is essential for the initiation of effective immune response.[i] And the IL-12p70 is a heterodimer of p35 and p40 subunits; it is an important cytokine secreted by antigen-presenting cells in response to antigenic stimulation.[ii] Gene expression analysis of the IL-12 cytokine family subunits revealed that both strains induced high levels of p40 (protein chain communal to IL-12 p70 and IL-23) as well as p19, a subunit of IL-23. Conversely only ACT- 18HS19 infection induced consistent transcription of IL-12 p35, a subunit of IL-12 p70.[iii] The standard product used in this kit is recombinant human IL-12 p70 with the molecular mass of 75 KDa.

Overview

Product Name	Anti-IL12A Mouse Monoclonal Antibody [Clone ID: OT12A8]
Reactive Species	Human
Description	Boster Bio IL12A mouse monoclonal antibody, clone OT12A8 (formerly 2A8). Catalog# M00918. Tested in WB. This antibody reacts with Human.
Conjugate	Unconjugated
Application	WB
Clonality	Monoclonal OT12A8
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P29459

Technical Details

Immunogen	Human recombinant protein fragment corresponding to amino acids 57-253 of human IL12A (NP_000873) produced in E.coli.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein

	A/G)
Suggested Dilutions	WB 1:500

Anti-IL12A Mouse Monoclonal Antibody [Clone ID: OTI2A8] (M00918) Images

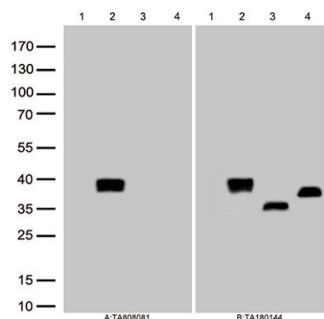


Figure A, Western blot analysis of overexpressed lysates(25ug per lane) from HEK293T cells transfected with empty plasmid, lane 1) , human IL12A plasmid, lane 2), mouse IL12A plasmid, lane 3) , rat IL12A plasmid, lane 4) using antiIL12A antibody M00918 (1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody (1:1000)

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