

## Anti-IL-12 p70 Antibody (20C2)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight: 150 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Anti-IL-12 p70 Antibody (20C2) is an anti-human IL-12 p70 monoclonal antibody of the IgG1 isotype, and it acts by suppressing the production of interferon-gamma. Anti-IL-12 p70 Antibody (20C2) is applicable for research studies investigating inflammatory conditions where IL-12 signaling contributes to disease pathogenesis. Anti-IL-12 p70 Antibody (20C2) is recommended to be paired with an appropriate isotype control, specifically Rat IgG1 kappa, Isotype Control.
Targets(IC50)	COX,IFNAR,Interleukin
In vitro	Anti-IL-12 p70 Antibody (20C2) (20 µg/mL) significantly inhibited the production of IFN-γ in peripheral blood mononuclear cells (PBMCs) derived from Homo sapiens, while Anti-IL-12 p70 Antibody (20C2) (10 µg/mL) markedly promoted the production of IL-12 p70 and IL-12 p40 in PBMCs [1]. Anti-IL-12 p70 Antibody (20C2) (5 µg/mL) effectively suppressed the production of IFN-γ in synovial tissue cells of Homo sapiens [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0067 mL	0.0333 mL	0.0667 mL
5 mM	0.0013 mL	0.0067 mL	0.0133 mL
10 mM	0.0007 mL	0.0033 mL	0.0067 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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